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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, Lephalala, 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, Benaauweidsfontein 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/Doorn: Major rivers include the Olifants, Doorn, 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, Lephalaia, 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, Mhlathuze, 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, 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.
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

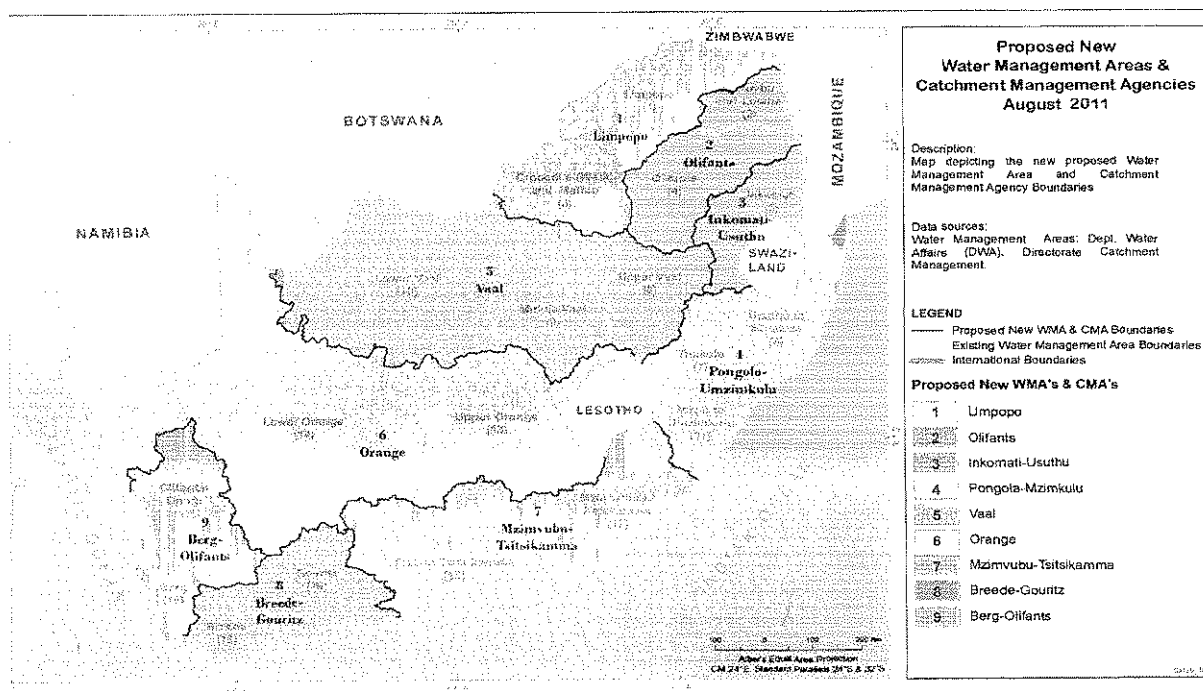
Table A.2 continued: Revised (2012) water management area boundary descriptions

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
DATE: 2012/05/21

UMNYANGO WEENDABA ZAMANZI

ISAZISO SOMBUSO

Inomboro 547

Umuhla: 20 July 2012

IINDAWO ZOKULAWULWA KWAMANZI EZILITHOBA (9) EZITJA ZESEWULA
AFRIKA EZITJHUKUNYISIWEKO

Mina, Bomo Edna Edith Molewa, uNgqongqotjhe womNyango weenDaba zaManzi nezeBhoduluko, ukuya ngeSigaba 5(1) soMthetho weZwelo ke wezaManzi, 1998 (Umthetho Nomboro 36 ka-1998) nginimema bonyana nitlole phasi imibono mayelana nokuhlonywa kweendawo zokulawulwa kwamanzi lezi emalangeni ama-90 wesaziso sombuso, hlomani iindawo zokulawulwa kwamanzi benikhethe imikhawulo etholakala eTjhejulini njenge ngcanye yeNational Water Resource Strategy. Kutlolwe phakathi iindawo zokulawulwa kwamanzi zekadeni (Itafula A.1) bonyana zifanisiwe neendawo zokulawulwa kwamanzi zanje (Itafula A.2). Yoke imibono ithunyelwe kuMnqophisi Zombebele iqaliswe kuMnqophisi omKhulu: Institutional Oversight.

ITJHEJULA

IiDawo zokuLawulwa kwaManzi

Iindawo zokulawulwa kwamanzi ezi-19 ezihlonywe ngu, nemikhawulo yazo ehlathululwe ngeSazisweni Sombuso iNomboro 1160 ngomhlaka 1 Sewula 1999, ngale ndlela -

ITafula A.1 iragela phambili: Iinhlatululo zemiKhawulo zeendawo zokulawulwa kwamanzi njengoba ziGazethiwe eNWRs ngo2004

Indawo yokuLawulwa kwaManzi (inomboro nebizo lanje)	Ihlatululo yomKhawulo
1. Limpopo: Imilambo eqakathekileko ifaka phakathi iLimpopo, Matlabas, Mokolo, Lephalala, Mogalakwena, Sand neNzhelele	Iimfunda zobuminyelo bamanzi zezinga eliphezulu A41, A42, A50, A61 ukufika ku-A63, A71, A72 no-A80.
2. Luvuvhu and Letaba: Imilambo eqakathekileko ifaka phakathi iMutale, Luvuvhu neLetaba	Iimfunda zobuminyelo bamanzi zezinga eliphezulu A91, A92, B81 ukufika kuB83 noB90.
3. ICrocodile (eTjingalanga) neMarico: Imilambo eqakathekileko ifaka phakathi iCrocodile (eTjingalanga) neMarico	Iimfunda zobuminyelo bamanzi zezinga eliphezulu A10, A21 ukufika ku-A24, A31, A32 nesifunda sobuminyelo bamanzi sobune iD41A.
4. Olifants: Imilambo eqakathekileko ifaka phakathi	Iimfunda zobuminyelo bamanzi zezinga eliphezulu B11, B12, B20, B31, B32, B41, B42, B51, B52, B60

i-Elands, Wilge, Steelpoort ne-Olifants	noB71 ukufika kuB73
5. Inkomati: Imilambo eqakathekileko ifaka phakathi iNwanedzi, Sabie, Crocodile (ePumalanga) neKomati	Isifunda sobuminyelo bamanzi sezinga eliphasi X.
6. Usuthu ukufika eMhlatuze: Imilambo eqakathekileko ifaka phakathi i-Usutu, Pongola, Mhlatuze, Mfolozi neMkuze	Isifunda sobuminyelo bamanzi sezinga eliphasi W.
7. Thukela: Umlambo oqakathekileko yiThukela	Isifunda sobuminyelo bamanzi sezinga eliphasi V.
8. Upper Vaal: Imilambo eqakathekileko ifaka phakathi iWilge, Liebenbergsvlei neVaal	limfunda zobuminyelo bamanzi zezinga eliphezulu C11 ukufika kuC13, C21 ukufika kuC23 noC81 ukufika kuC83.
9. Middle Vaal: Imilambo eqakathekileko ifaka phakathi iMooi, Vet neVaal	limfunda zobuminyelo bamanzi zezinga eliphezulu C24, C25, C41 ukufika kuC43, C60 noC70.
10. Lower Vaal: Imilambo eqakathekileko ifaka phakathi iHarts, Molopo neVaal	limfunda zobuminyelo bamanzi zezinga eliphezulu C31 ukufika kuC33, C91, C92 (ayifaki phakathi iingceny ezingenzasi zeendawo ezikhongozela amanzi yobune iC92B no C92C), D41 (ayifaki phakathi ingceny yendawo ekhongozela amanzi yobune D41A), neengceny zeendawo ezikhongozela amanzi zobune D73A neengceny ze D42C, D42D, D73B, D73D noD73E. Umkhawulo wangetjingalanga okhamba phakathi komkhawulo weSewula Afrika noweBotswana magega nomkhawulo weKalahari East Water User Association (WUA). Silandela umkhawulo otjhiwweko weWUA ngendlela eya etjingalanga ukufika egumbini, etjingalanga yeLangberge, amakhilomitha ali-19 ngetjingalanga yeBeeshoek, eduze nePostmasburg. Umkhawulo weNdawo yokuLawulwa kwaManzi ukhambela eSewula Pumalanga ukuhlangabeza umqoqo wamanzi ophakathi neengceny zeendawo ezikhongozela amanzi zobune D73A no D73B. Ngokunjalo umkhawulo ulandela umqoqo wamanzi lo naloyo ophakathi kweD73A neD71B, ukufika lapha ihlangana nomkhawulo wesiyingi seHay. Ilandela umkhawulo lo beyiyokuhlangana nomqoqo wamanzi ophakathi kwakaD71B noC92C. Umkhawulo weNdawo yokuLawulwa kwaManzi uragela phambili magega nomqoqo wamanzi ukufika lapha uhlangana nomkhawulo we-Orange Vaal Water

	User Association. Iragela phambili ngokuya esewula-pumalanga emkhawulweni lo beyiyokuhlangana nomqoqo wamanzi ophakathi kweC92B noC51M lapha ilandela khona umkhawulo lo nophakathi kwakaC92B noC51L. Ngemva kwalapho ilandela umkhawulo ophakathi kwaka C51L noC91E. Iragela phambili emqoqweni wamanzi lo ukuyokufika emkhawulweni weplasi leWolwe Dam 87. Umkhawulo weNdawo yokuLawulwa kwaManzi ulandela umkhawulo weplasi elitjhiweko ukuya ngehla komkhawulo weplasi leVaalboschhoek 85. Ilandela imikhawulo yamaplasa alandelanako ahlanganako, aphumelela endleleni eya ngetjingalanga, abizwa bunje: Weltevrede 117, Vaalpan 118, Koppiesdam 119, Pijt Fontein 122, Kareebosch 130, Osfontein 121, Benaauwheidsfontein 442, Olifantskop 196, Sussana 197 ne-Olifantsdam 170. Umkhawulo weNdawo yokuLawulwa kwaManzi ngalokho ulandela umkhawulo wepumalanga we-Olifantsdam 170 ngendlela yangetlhagwini ukwazi ukufaka phakathi iplasi le-Olifantsrug 293 ukufika lapha uhlangana khona nomqoqo wamanzi ophakathi kwe-C91E neC52L. Ngemva kwalokho, umkhawulo weNdawo yokuLawulwa kwaManzi ulandela imikhawulo yeemfunda zobuminyelo bamanzi ezivezwe ekuthomeni kwehlathululo le.
11. Mvoti ukufika e-Umzimkulu: Imilambo eqakathekileko ifaka phakathi i-Mvoti, Umgeni, Umkomazi ne-Umzimkulu	Isifunda sobuminyelo bamanzi sezinga eliphasi U neemfunda zobuminyelo bamanzi zezinga eliphezulu T40, T51 noT52.
12. Mvoti ukufika eKeiskamma: Imilambo eqakathekileko ifaka phakathi iMzimvubu, Mtata, Mbashe, Buffalo, Nahoon, Groot Kei neKeiskamma	Iimfunda zobuminyelo bamanzi zezinga eliphasi R noS neemfunda zobuminyelo bamanzi zezinga eliphezulu T11 ukufika kuT13, T20, T31 ukufika kuT36, T60, T70, T80 noT90.
13. Upper Orange: Imilambo eqakathekileko ifaka phakathi iModder, Riet, Caledon ne-Orange	Iimfunda zobuminyelo bamanzi zezinga eliphezulu C51, C52, D11 ukufika kuD18, D21 ukufika kuD24, D31, D32, D33 (yelela bonyana ingcenywe engenzasi yendawo ekhongozela amanzi yobune iD33K ayikafakwa lapha umkhawulo weNdawo yokuLawulwa kwaManzi ulandela umkhawulo we-Orange Vaal WUA), D34 noD35.
14. Lower Orange: Imilambo eqakathekileko ifaka phakathi i-Ongers, Hartbees ne-Orange	Isifunda sobuminyelo bamanzi sezinga eliphasi F (asifaki iindawo zokukhongozela amanzi zobune F50D, F60B, F60C, F60D noF60E), isifunda sobuminyelo bamanzi sezinga eliphezulu D42 (asifaki iingcenywe zendawo zokukhongozela amanzi zobune D42C no D42D), D51 ukufika kuD58, D61, D62, D71 ukufika kuD73 (asifaki iindawo

	yokukhongozela amanzi yobune D73D noD73E), D81, D82. Lapha kungenelana khona umlambo weVaal neye-Orange Rivers umkhawulo weNdawo yokuLawulwa kwaManzi ulandela umkhawulo we-Orange Vaal ukufika lapha uhlangana nomkhawulo weNdawo yokuLawulwa kwaManzi 10. Kungalokho iingcenywe zendawo zokukhongozela amanzi zobune C92B noC92C zifakwe kile iNdawo yokuLawulwa kwaManzi.
15. Fish neTsitsikamma: Imilambo eqakathekileko ifaka phakathi iFish, Kowie, Boesmans, Sundays, Gamtoos, Kromme, Tsitsikamma neGroot	limfunda zobuminyelo bamanzi zezinga eliphasi L, M, N, P noQ neemfunda zobuminyelo bamanzi zezinga eliphezulu K80 no K90.
16. Gouritz: Imilambo eqakathekileko ifaka phakathi iGouritz, Olifants, Kamanassie, Gamka, Buffels, Touws, Goukou neDuiwenhoks	Isifunda sobuminyelo bamanzi sezinga eliphasi J neemfunda zobuminyelo bamanzi zezinga eliphezulu H80, H90, K10 ukufika kuK70.
17. Olifants/Doorn: Imilambo eqakathekileko ifaka phakathi i-Olifants, Doorn, Krom, Sand neSout	Isifunda sobuminyelo bamanzi sezinga eliphasi E neemfunda zobuminyelo bamanzi zezinga eliphezulu G30 noF60. (kukhutjwe indawo yokukhongozela amanzi yobune F60A) nendawo yokukhongozela amanzi yobune F50D
18. Breede: Imilambo eqakathekileko ifaka phakathi Breede, Sonderend, Sout, Bot nePalmiet	limfunda zobuminyelo bamanzi zezinga eliphezulu G40 (kukhutjwe indawo yokukhongozela amanzi yobune G40A), G50 noH10 ukufika kuH70.
19. Berg: Imilambo eqakathekileko ifaka phakathi iBerg, Diep neSteenbras	limfunda zobuminyelo bamanzi zezinga eliphezulu G10, G21 noG22 nendawo yokukhongozela amanzi yobune G40A nomkhawulo wetlhagwini ukulandela umqogo wamanzi ophakathi kweemfunda zobuminyelo bamanzi zezinga eliphezulu G10 noG30 ukufika edorobheni ye-Aurora. Ukusuka emkhawulweni we-Aurora inqopha thwi butjingalanga eligwini.

ITafula A.2: Ebuyekeziweko (2012) yeenhlathululo zomkhawulo wendawo yokulawulwa kwamanzi

Indawo yokuLawulwa kwaManzi (inomboro nebizo lanje)	Ihlathululo yomKhawulo
1. Limpopo: Imilambo eqakathekileko ifaka phakathi iLimpopo, Matlabas, Mokolo, Lephalala, Mogalakwena, Sand, Nzhelele, Mutale neLuvuvhu	Isifunda sobuminyelo bamanzi sezinga eliphasi A
2. Olifants: Imilambo eqakathekileko ifaka phakathi i-Elands, Wilge, Steelpoort, Olifants neLetaba	Isifunda sobuminyelo bamanzi sezinga eliphasi B
3. Inkomati-Usuthu: Imilambo eqakathekileko ifaka phakathi iNwanedzi, Sabie, Crocodile (ePumalanga), Komati ne-Usuthu	Isifunda sobuminyelo bamanzi sezinga eliphasi X neengcenywe zeemfunda zobuminyelo bamanzi zezinga eliphezulu W51 ukufika kuW56 begodu ziwela ngaphasi komkhawulo weRSA
4. Pongola-Mtamvuna: Imilambo eqakathekileko ifaka phakathi, Pongola, Mhlatuze, Mfolozi, Mkuze, Thukela, Mvoti, Umgeni, Umkomazi, Umzimkulu neMtamvuna	Iimfunda zobuminyelo bamanzi zezinga eliphezulu W11 ukufika kuW13, W31 ukufika kuW32, W41, W45 kuthi iingcenywe zeW42, W43, W44 noW57 ziwela ngaphasi komkhawulo weRSA; Iimfunda zobuminyelo bamanzi zezinga eliphasi V no-U; Iimfunda zobuminyelo bamanzi zezinga eliphezulu T40, T51 no T52
5. Vaal: Imilambo eqakathekileko ifaka phakathi iWilge, Liebenbergsvlei Mooi, Renoster, Vals, Sand, Vet, Harts, Molopo neVaal	Iimfunda zobuminyelo bamanzi zezinga eliphezulu C11 ukufika kuC13, C21 ukufika kuC25, C31 ukufika kuC33, C41 ukufika kuC43, C60, C70 noC81 ukufika kuC83; Iimfunda zobuminyelo bamanzi zezinga eliphezulu, C91, C92 (kukhutjwe iingcenywe ezingenzasi zeendawo zokukhongozela amanzi zobune C92B noC92C), D41, kukhutjwe iingcenywe zeendawo zokukhongozela amanzi zobune D42C noD42D D73A, D73B, D73C, D73D noD73E. Umkhawulo wangetjingalanga usuka emkhawulweni ophakathi kwesewula afrika neBotswana magega nomkhawulo weKalahari East Water User Association (WUA). Silandela umkhawulo otjhwiweko weWUA ngendlela eya etjingalanga ukufika egumbini, etjingalanga yeLangberge, amakhilomitha ali-19 ngetjingalanga yeBeeshoek, eduze nePostmasburg. Umkhawulo weNdawo yokuLawulwa kwaManzi ukhambela eSewula Pumalanga ukuhlangabeza umqoqo wamanzi ophakathi neengcenywe zeendawo ezikhongozela amanzi zobune D73A no D73B. Ngokunjalo umkhawulo ulandela umqoqo wamanzi lo naloyo ophakathi kweD73A neD71B, ukufika

	lapha ihlangana nomkhawulo wesiyingi seHay. Ilandela umkhawulo lo beyiyokuhlangana nomqoqo wamanzi ophakathi kwakaD71B noC92C. Umkhawulo weNdawo yokuLawulwa kwaManzi uragela phambili magega nomqoqo wamanzi ukufika lapha uhlanga nomkhawulo we-Orange Vaal Water User Association. Iragela phambili ngokuya esewula-pumalanga emkhawulweni lo beyiyokuhlangana nomqoqo wamanzi ophakathi kweC92B noC51M lapha ilandela khona umkhawulo lo nophakathi kwakaC92B noC51L. Ngemva kwalapho ilandela umkhawulo ophakathi kwaka C51L noC91E. Iragela phambili emqoqweni wamanzi lo ukuyokufika emkhawulweni weplasi leWolwe Dam 87. Umkhawulo weNdawo yokuLawulwa kwaManzi ulandela umkhawulo weplasi elitjhiweko ukuya ngehla komkhawulo weplasi leVaalboschhoek 85. Ilandela imikhawulo yamaplasa alandelanako ahlanganako, aphumelela endleleni eya ngetjingalanga, abizwa bunje: Weltevrede 117, Vaalpan 118, Koppiesdam 119, Pijt Fontein 122, Kareebosch 130, Osfontein 121, Benaauweidsfontein 442, Olifantskop 196, Sussana 197 ne-Olifantsdam 170. Umkhawulo weNdawo yokuLawulwa kwaManzi ngalokho ulandela umkhawulo wepumalanga we-Olifantsdam 170 ngendlela yangetlhogwini ukwazi ukufaka phakathi iplasi le-Olifantsrug 293 ukufika lapha uhlanga khona nomqoqo wamanzi ophakathi kwe-C91E neC52L. Ngemva kwalokho, umkhawulo weNdawo yokuLawulwa kwaManzi ulandela imikhawulo yeemfunda zobuminyelo bamanzi ezivezwe ekuthomeni kwehlathululo le.
6. Orange: Imilambo eqakathekileko ifaka phakathi iModder, Riet, Caledon, Kraai, Ongers, Hartbees ne-Orange	limfunda zobuminyelo bamanzi zezinga eliphezulu C51 (kukhutjwe ingcenyane yendawo yokukhongozela amanzi yobune C51L), C52 (kukhutjwe ingcenyana yendawo yokukhongozela amanzi yobune C52L), D12 ukufika kuD14, iingcenyane zeD15 noD18 eziwela ngaphasi komkhawulo weRSA, D21, iingcenyane zeD23 eziwela ngaphasi komkhawulo weRSA, D24 (kukhutjwe ingcenyane yendawo yokukhongozela amanzi zobune D24A ewela ngaphasi kweLesotho), D31 ukufika kuD35; Isifunda sobuminyelo bamanzi sezinga eliphezulu D42 (kukhutjwe iingcenyane zeendawo zokukhongozela amanzi zobune D42C noD42D), D51, Ukufika kuD58, D61, D62, D71 ukufika kuD73 (kukhutjwe iingcenyane zeendawo zokukhongozela amanzi zobune D73A, D73B, D73C, D73D noD73E), D81, D82. Lapha kuhlanga khona imilambo iVaal ne-OrangeRivers umkhawulo wenDawo yokuLawulwa kwaManzi ulandela umkhawulo we-Orange Vaal Water User Association

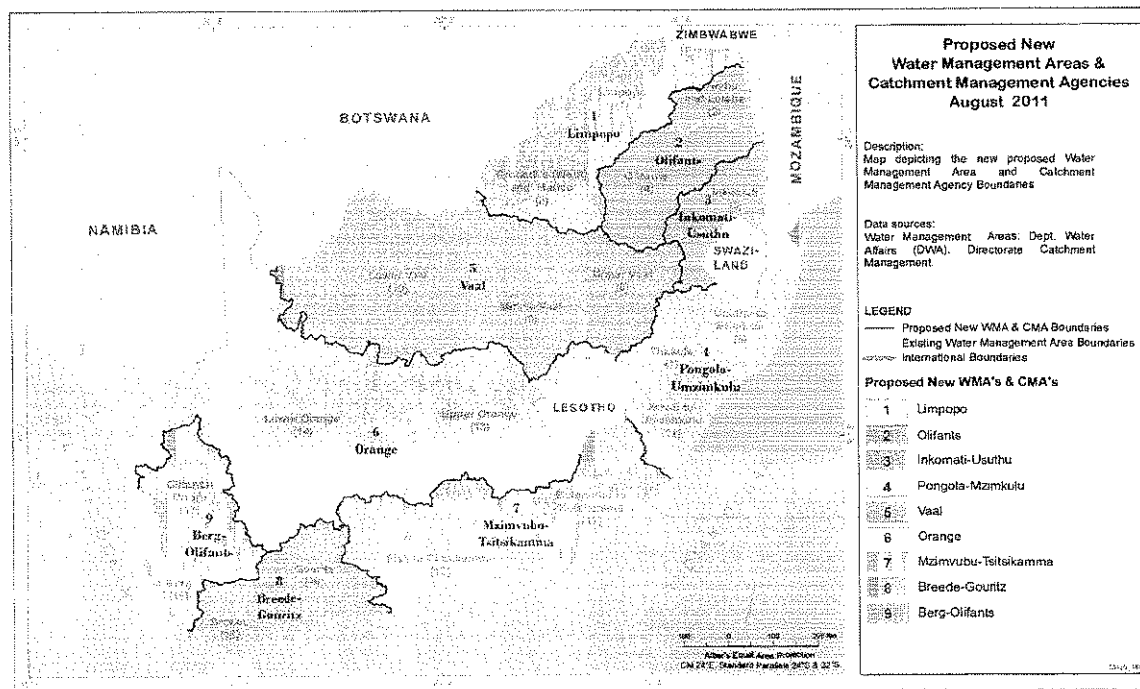
	ukufika lapha ihlangana khona nomkhawulo wenDawo yokuLawulwa kwaManzi 5. Kungalokho iingceny ezingehla zeendawo zokukhongozela amanzi zobune C92B no C92C zifakwe kile inDawo yokuLawulwa kwaManzi. Isifunda sobuminyelo bamanzi sezinga eliphasi F (kukhutjwe iingceny zeendawo zokukhongozela amanzi zobune F50D, F60B, F60C, F60D noF60E).
7. Mzimvubu ukufika eTsitsikamma: Imilambo eqakathekileko ifaka phakathi iMzimvubu, Mtata, Mbashe, Buffalo, Nahoon, Groot Kei neKeiskamma, Fish, Kowie, Boesmans, Sundays, Gamtoos, Kromme, Groot neTsitsikamma	limfunda zobuminyelo bamanzi zezinga eliphasi P, Q, R, S L, M noN neemfunda zobuminyelo bamanzi zezinga eliphezulu T11 Ukufika kuT13, T20, T31 Ukufika kuT36, T60, T70, T80, T90, K80 no K90.
8. Breede-Gouritz: Imilambo eqakathekileko ifaka phakathi iBreede, Sonderend, Sout, Bot, Palmiet, Gouritz, Olifants, Kamanassie, Gamka, Touws, Goukou neDuiwenhoks	limfunda zobuminyelo bamanzi zezinga eliphasi H noJ; limfunda zobuminyelo bamanzi zezinga eliphezulu G40 (kukhutjwe indawo yokukhongozela amanzi yobune G40A) noG50; limfunda zobuminyelo bamanzi zezinga eliphezulu K10 ukufika kuK70
9. Berg-Olifants: Imilambo eqakathekileko ifaka phakathi iBerg, Diep, Steenbras, Olifants, Doorn, Krom, Sand neSout	limfunda zobuminyelo bamanzi zezinga eliphezulu G10 ukufika kuG30 nendawo yokukhongozela amanzi yobune G40A; Isifunda sobuminyelo bamanzi sezinga eliphasi E neemfunda zobuminyelo bamanzi zezinga eliphezulu F60 (kukhutjwe indawo yokukhongozela amanzi yobune F60A) bekufakwe phakathi indawo yokukhongozela amanzi yobune F50D

ITafula A.3: Imininingwana yetjhuguluko lemikhawulo yendawo yokulawulwa kwamanzi

UmKhawulo wenDawo yokuLawulwa kwaManzi	Isitjhukumiso setjhugululo yomKhawulo
Limpopo	Indawo yokuLawulwa kwaManzi (WMA) iCrocodyle West ihlanganisiwe neCrocodyle West i-Upper-Moloto ikhutjiwe yafakiwe eVaal.
Olifants	Indawo yokuLawulwa kwaManzi (WMA) i-Olifants ihlanganisiwe neLevuvhu-Letaba, kodwana iLuvuvhu ihlukanisiwe neLuvuvhu-Letaba yahlanganisiwa neLimpopo.
Inkomati-Usuthu	Indawo yokuLawulwa kwaManzi (WMA) i-Inkomati yagcinwa kwathi ingceny ye-Usuthu ye-Usutu/ Mhlathuze yahlanganisiwa ne-Inkomati.
Pongola-Mtamvuna	Indawo zokuLawulwa kwaManzi (WMAs) iMhlathuze, Thukela neMvoti-Umzimkulu, kanye nemilambo etjingga ngepumalanga iyokungena ngeLwandle leNdiya zihlanganyisiwe zenza indawo

	yokuLawulwa kwaManzi (WMA) eyodwa.
Vaal	lindawo zokuLawulwa kwaManzi (WMAs) ezintathu zeVaal (i-Upper, Mid neLower-Vaal) zihlanganyisiwe zenza indawo yokuLawulwa kwaManzi (WMA) eyodwa.
Orange	lindawo zokuLawulwa kwaManzi (WMAs) i-Upper nelower Orange River zihlanganyisiwe zenza indawo yokuLawulwa kwaManzi (WMA) eyodwa.
Mzimvubu-Tsitsikamma	lindawo zokuLawulwa kwaManzi (WMAs) iMzimvubu-Keiskamma neFish-Tsitsikamma zihlanganyisiwe zenza indawo yokuLawulwa kwaManzi (WMA) eyodwa.
Breede-Gouritz	lindawo zokuLawulwa kwaManzi (WMAs) iBreede neGouritz zihlanganyisiwe zenza indawo yokuLawulwa kwaManzi (WMA) eyodwa.
Berg Olifants	lindawo zokuLawulwa kwaManzi (WMAs) iBerg ne-Olifants-Doorn zihlanganyisiwe zenza indawo yokuLawulwa kwaManzi (WMA) eyodwa.

lindawo zokulawulwa kwamanzi ezilithoba (9) ezitja ezitjhukunyisiweko lapho iCMA izakuhlonywa khona



UMMA B E E MOLEWA, MP

UNGQONGQOTJHE WOMNYANGO WEENDABA ZAMANZI NEZEBHODULUKO

No. 547

20 Julie 2012

DIE NEGE (9) NUWE VOORGESTELDE WATERBESTUURSGBIEDE VAN SUID AFRIKA

Ek, Bomo Edith Edna Molewa, MP, in my hoedanigheid as Minister van Waterwese en Omgewingsake hiermee in terme van afdeling 5(1) van die Nasionale Water Wet, 1998 (Wet nr. 36 van 1998), nooi alle geskrewe kommentare oor die stigting van hierdie waterbestuursgebiede, binne 90 dae van die goewermentskennisgewing uit. Die vasstelling van die waterbestuursgebied asook die bepaling van hul grenslyne soos ingesluit in die skedule sal as 'n komponent van die Nasionale Waterhulpbronstrategie dien. Ingesluit is die ou waterbestuursgebiede (Tabel A.1) in vergelyking met die huidige waterbestuursgebiede (Tabel A.2). Alle kommentare moet aan die Direkteur General aangestuur word vir aandag die Hoof Direkteur: Institusionele Oorsig.

SKEDULE

Waterbestuursgebiede

19 Waterbestuursgebiede tesame met hul grenslyne is as volg bepaal in die Goewermentskennisgewing Nr. 1160 op die 1ste Oktober 1999-

WATERBESTUURSGBIED (nommer en huidige naam)	GRENSLYN BESKRYWING
1. Limpopo: Hoof riviere sluit die Limpopo, Matlabas, Mokolo, Lephala, Mogagalakwena, Sand en Nzhelele in	Tersiêre dreinerings streke A41, A42, A50, A61 na A63, A71, A72, en A80.
2. Luvuvhu en Letaba: Hoof riviere sluit die Mutale, Luvuvhu en Letaba in.	Tersiêre dreinerings streke A91, A92, B81 na B83 en B90.
3. Krokodil (Wes) en Marico: Hoof riviere sluit die krokodil (wes) and Marico in.	Tersiêre dreinerings streke A10, A21 na A24, A31, A32 en katernêre dreinerings streke D41A
4. Olifants: Hoof riviere sluit Elandos, Wilge, Steelpoort en Olifants in.	Tersiêre dreinerings streke B11, B12, B20, B31, B32, B41, B42, B51, B52, B60, B71 na B73

5. Inkomati: Hoof riviere sluit Nwanedzi, Sabie, Krokodil (oos) en Komati	Primêre dreinerings streke X
6. Usutu na Mhlatuze: Hoof riviere sluit die Usutu, Pongola, Mhlatuze, Mfolozi en Mkuze in	Primêre dreinerings streke W
7. Thukela: Hoof rivier is die Thukela	Primêre dreinerings streke V
8. Boonste Vaal: Hoof riviere sluit Wilge, Liebergsvlei en Vaal in.	Tersiêre dreinerings streke C11 na C13, C21 na C23 en C81 na C83.
9. Middel Vaal: Hoof riviere sluit die Mooi, Vet en Vaal in	Tersiêre dreinerings streke C24, C25, C41 na C43, C60 en C70.
10. Laer Vaal: Hoof riviere sluit die Harts, Molopo en Vaal in.	Tersiêre dreinerings streke C31 na C33 (uitsluitend die laer gedeeltes van die kwaterneêre opvangs C92B en C92C), D41 (uitsluitend die kwaterneêre opvangs D41A) en kwaterneêre opvangs D73A en gedeeltes van D42C, D42D, D73D en D73E. Die Westelike grens loop van die grens tussen Suid-Afrika en Botswana langs die grens van die Kalahari Oos Watergebruikersvereniging (WGV). Dit volg die grens wat genoem was in die WGV in 'n westelike rigtings punt, wes van die Langeberge, 19 kilometers wes van Beeshoek, naby Postmasburg. Die Waterbestuursgebied grens loop Suid-oos en ontmoet die waterskeiding tussen kwaterneêre opvangs D73A en D73B. Die grens volg dan die waterskeiding tussen die kwaterneêre opvangs D73A en D73B, tot dit by die grens van die Hay distrik ontmoet. Dit volg die grens totdat dit by die waterskeiding ontmoet tussen D71B and C92C. Die Waterbestuursgebied grens verleng langs hierdie waterskeiding tot by die grens waar dit die Oranje Vaal Watergebruikers Vereniging ontmoet. Dit verleng suid-oos on hierdie grens totdat dit by die waterskeiding tussen C92B en C51M waar dit volg die waterskeiding en dat tussen C92B en C51L ontmoet. Daarna volg die waterskeiding tussen C51L en C91E. Dit volg hierdie waterskeiding totdat dit die plaas se grens van Wolwe Dam 87 bereik. Dit volg dan die plase agtermekaar, ontmoet hulle by die

	grense en beweeg dan in die westelike rigting naamlik: Weltevrede 117, Vaalpan 118, Koppiesdam 119, Spijt Fontein 122, Kareebosch 130, Osfontein 121, Benaauwheidsfontein 442, Olifantskop196, Sussana 197 en Olifantsdam 170. Die Waterbestuursgebied grens volg dan die oostelike grens van die Olifantsdam 170 in 'n noordelike rigting om die Olifantsrug 293 plaas in te sluit tot by die waterskeiding tussen C91E en C52L ontmoet. Daarna volg die Waterbestuursgebied grens die grense van die dreinerings streke soos genoem in die aanvanklike beskrywing.
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Tabel A.1 vervolg: grens beskrywings of waterbestuursgebiede soos in die goewermentskennissgewing aangewys in NWRS in 2004

Waterbestuursgebied (nommer en huidige naam)	Grens beskrywing
11. Mvoti na Umzimkulu: Hoof riviere sluit die Mvoti, Umgeni, Umkomazi en Umzimkulu in	Primêre dreinerings streek U en tersiêre dreinerings T40, T51 en T52.
12. Mzimvubu na Keiskamma: Hoof riviere sluit die Mzimvubu, Mtata, Mbashe, Buffalo, Nahoon, Groot Kei en Keiskamma	Primêre dreinerings streke R en S, en asook tersiêre dreinerings streke T11 na T13, T20, T31 na T36, T60, T70, T80 en T90.
13. Boonste Oranje: Hoof riviere sluit die Modder, Riet, Caledon en Oranje in.	Tersiêre dreinerings streke C51, C52, D11 na D18, D21 na D24, D31, D32, D33 (niks laer as die gedeelte opvangs D33K is uitgesluit waar die Waterbestuursgebied grens volg die grens van die Oranje Vaal WGV), D34 en D35.
14. Laer Oranje: Hoof riviere sluit die Ongers, Hartbees en Oranje in.	Primêre dreinerings streek F (uitsluitend die kwarternêre opvangs F50D, F60B, F60C, F60D en F60E), tersiêre dreinerings streek D42 (uitsluitende gedeeltes van die kwarternêre opvangs D42C en D42D), D51 na D58, D61, D62, D71 na D73 (uitsluitend kwarternêre opvangs D73A en gedeeltes D73B, D73C, D73D en D73E), D81, D82.

	In die gebied van bystroom van die Vaal en Oranje Riviëre die Waterbestuursvereniging grens volg die grens van die Oranje Vaal Watergebruikersvereniging totdat dit by die Waterbestuursgebied 10 ontmoet. Daarom is die laer gedeeltes van die kwaterneë opvangs C92B en C92C is in die Waterbestuursgebied ingesluit.
15. Vis na Tsitsikamma: Hoof riviere sluit die Vis, Kowie, Boesmans, Sundays, Gamtoos, Kromme, Tsitsikamma en Groot.	Primêre dreinerings streke L, M, N, P, Q en tersiêre dreinerings streke K80 en K90.
16. Gourits: Hoof riviere sluit die Gourits, Olifants, Kamanassie, Gamka, Buffels, Touws, Goukou en Duiwenhoks in.	Primêre dreinerings streek J en tersiêre dreinerings steke H80, H90, K10 na K70.
17. Olifants/Doorn: Hoof riviere sluit Olifants, Doorn, Krom, Sand en Sout in.	Primêre dreinerings streek E en tersiêre dreinerings streke G30 F60 (uitsluitende die kwaterneë F60A) en kwaterneë opvangs F50D.
18. Brede: Hoof riviere sluit die Brede, Sonderend, Sout, Bot en Palmiet in.	Tersiêre dreinerings streke G40 (uitsluitende kwaterneë opvangs G40A), G50 en H10 na H70.
19. Berg: Hoof riviere sluit die Berg, Diep en Steenbras in.	Tersiêre dreinerings streke G10, G21 en G22 en kwaterneë opvangs G40A met die noordelike grens volg die waterskeiding tussen tersiêre dreinerings streke G10 en G30 tot op die dorp van Aurora. Vanaf Aurora loop die grens direk na die kus in 'n westelike rigting.

Tabel A.2: Hersiening (2012) Waterbestuursgebied Grens Beskrywings

Waterbestuursgebied (nommer en huidige naam)	Grens beskrywing
1. Limpopo: Hoof riviere sluit die Limpopo, Matlabas, Moloko, Lephalala, Mogalakwena, Sand, Nzhele, Mutale en Luvuhu in.	Primêre dreinerings streek A
2. Olifants: Hoof riviere sluit	Primêre dreinerings streek B

die Elands, Wilge, Steelpoort, Olifants en Letaba in.	
3. Inkomati-Usuthu: Hoof riviere sluit die Nwanedzi, Sabie, Krokodil (oos), Komati en Usuthu	Primêre dreinerings streek X en die gedeeltes of tersiêre dreinerings streke W51 na W56 wat binne in die RSA grens val.
4. Pongola-Mtamvuna: Hoof riviere sluit die Pongola, Mhlatuze, Mfolozi, Mkuze, Thukela, Mvoti, Umgeni, Umkomazi, Umzimkulu en Mtamvuna	Tersiêre dreinerings streke W11 na W13, W31, W41, W45 en die gedeeltes van W42, W43, W44 en W57 val binne die RSA grens; Primêre dreinerings streke V en U; Tersiêre dreinerings streke T40, T51 en T52.
5. Vaal: Hoof riviere sluit die Wilge, Liebenbergsvlei, Mooi, Renoster, Vals, Sand, Vet, Harts, Molopo en Vaal in.	Tersiêre dreinerings streke C11 na C13, C21 na C25, C31 na C33, C41 na C43, C60, C70 en C81 na C83; Tersiêre dreinerings streke C31 na C33 (uitsluitend die laer gedeeltes van die kwaterneêre opvangs C92B en C92C), D41 (uitsluitend die kwaterneêre opvangs D41A) en kwaterneêre opvangs D73A en gedeeltes van D42C, D42D, D73D en D73E. Die Westelike grens loop van die grens tussen Suid-Afrika en Botswana langs die grens van die Kalahari Oos Watergebruikersvereniging (WGV). Dit volg die grens wat genoem was in die WGV in 'n westelike rigtings punt, wes van die Langeberge, 19 kilometers wes van Beeshoek, naby Postmasburg. Die Waterbestuursgebied grens loop Suid-oos en ontmoet die waterskeiding tussen kwaterneêre opvangs D73A en D73B. Die grens volg dan die waterskeiding tussen die kwaterneêre opvangs D73A en D73B, tot dit by die grens van die Hay distrik ontmoet. Dit volg die grens totdat dit by die waterskeiding ontmoet tussen D71B and C92C. Die Waterbestuursgebied grens verleng langs hierdie waterskeiding tot by die grens waar dit die Oranje Vaal Watergebruikers Vereniging ontmoet. Dit verleng suid-oos on hierdie grens totdat dit by die waterskeiding tussen C92B en C51M waar dit volg die waterskeiding en dat tussen C92B en C51L ontmoet. Daarna volg die waterskeiding tussen C51L en C91E. Dit volg hierdie waterskeiding totdat

	dit die plaas se grens van Wolwe Dam 87 bereik. Dit volg dan die plase agtermekaar, ontmoet hulle by die grense en beweeg dan in die westelike rigting naamlik: Weltevrede 117, Vaalpan 118, Koppiesdam 119, Spijt Fontein 122, Kareebosch 130, Osfontein 121, Benaauwheidsfontein 442, Olifantskop 196, Sussana 197 en Olifantsdam 170. Die Waterbestuursgebied grens volg dan die oostelike grens van die Olifantsdam 170 in 'n noordelike rigting om die Olifantsrug 293 plaas in te sluit tot by die waterskeiding tussen C91E en C52L ontmoet. Daarna volg die Waterbestuursgebied grens die grense van die dreinerings streke soos genoem in die aanvanklike beskrywing.
6. Oranje: Hoof riviere sluit die Modder, Riet, Caledon, Kraai, Ongers, Hartbees en Oranje	Tersiêre dreinerings streke C51, C52, D11 na D18, D21 na D24, D31, D32, D33 (niks laer as die gedeelte opvangs D33K is uitgesluit waar die Waterbestuursgebied grens volg die grens van die Oranje Vaal WGV), D34 en D35; Tersiêre dreinerings streek D42 (uitsluitende gedeeltes van die kwarternêre opvangs D42C en D42D), D51 na D58, D61, D62, D71 na D73 (uitsluitend kwarternêre opvangs D73A en gedeeltes D73B, D73C, D73D en D73E), D81, D82. In die gebied van bystroom van die Vaal en Oranje Riviere die Waterbestuursvereniging grens volg die grens van die Oranje Vaal Watergebruikersvereniging totdat dit by die Waterbestuursgebied 5 ontmoet. Daarom is die laer gedeeltes van die kwarternêre opvangs C92B en C92C is in die Waterbestuursgebied ingesluit. Primêre dreinerings streek F (uitsluitend die kwarternêre opvangs F50D, F60B, F60C, F60D en F60E).
7. Mzimvubu na Tsitsikamma: Hoof riviere sluit die Mzimvubu, Mata, Mbashe, Buffalo, Nahoon, Groot Kei en Keiskamma, Vis, Kowie, Boemans, Sundays, Gamtoos,	Primêre dreinerings streke P, Q, R, S, L, M en N, tersiêre dreinerings streke T11 na T13, T20, T31 na T60, T70 T80, T90, K80 en K90.

Kromme, Groot en Tsitsikamma	
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Tabel A.2 vervolg: Hersiening (2012) Waterbestuursgebied grens beskrywings

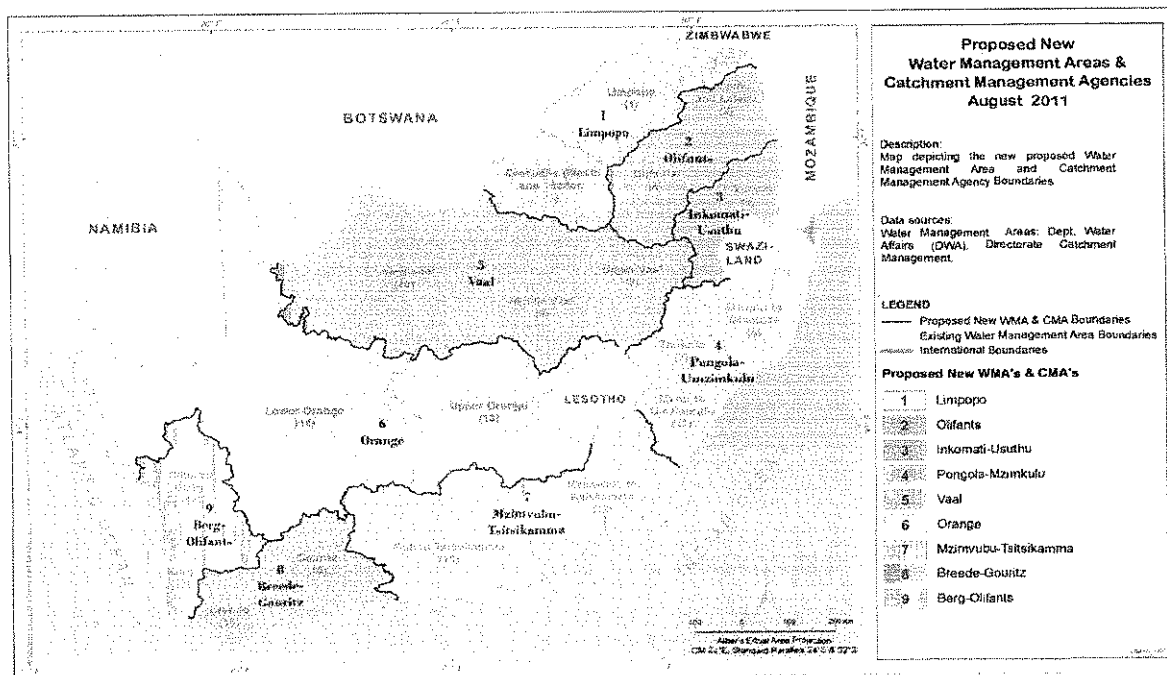
Waterbestuursgebied (nommer en huidige naam)	Grens beskrywing
8. Breede-Gouritz: Hoof riviere sluit die Breede, Sonderend, Sout, Bot, Palmiet, Gouritz, Olifants, Kamanassie, Gamka, Buffels, Touws, Goukou en Duiwenhoks	Primêre dreinerings streke H en J; Tersiêre dreinerings streke G40 (uitsluitende kwaterneêre opvangs G40A), en G50; Tersiêre dreinerings streke K10 na K70.
9. Berg-Olifants: Hoof riviere sluit Berg, Diep, en Steenbras, Olifants, Doorn, Krom, Sand en Sout.	Tersiêre dreinerings streke G10 na G30 en kwaterneêre opvangs G40A; Primêre dreinerings streek E en tersiêre dreinerings streke G30 F60 (uitsluitende die kwaterneêre F60A) en kwaterneêre opvangs F50D.

Tabel A.3: Besonderhede van die verbeterde aan die Waterbestuursgebied grenslyne

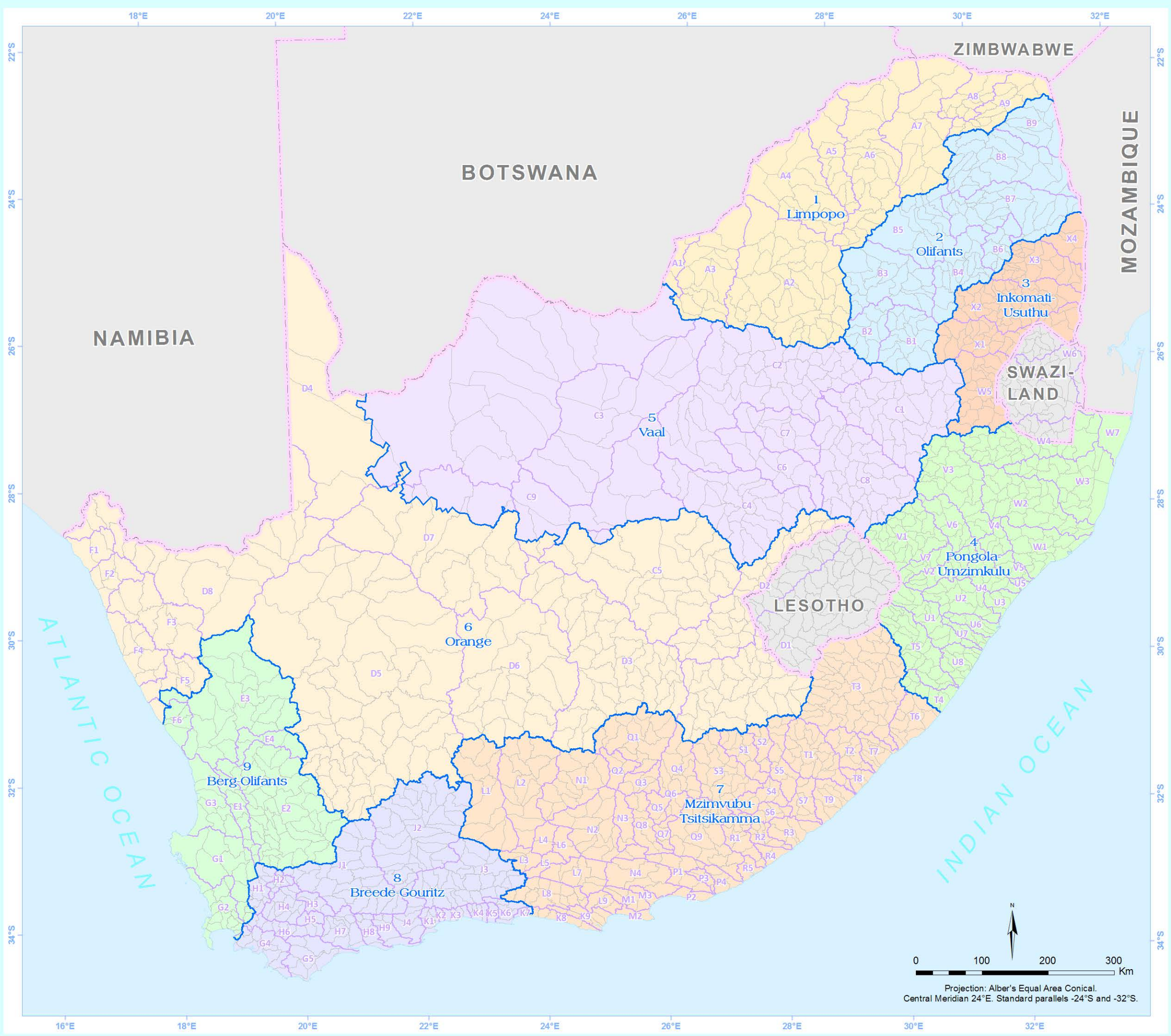
WATERBESTUURSGEBIED GRENS	VOORGESTELDE GRENSLYN VERBETERING
1. Limpopo	Die Krokodil Wes WBG smelt saam met die Krokodil Wes en sluit die Boonste-Mpopo wat die Vaal insluit uit.
2. Olifants	Die Olifants WBG smelt saam met die Levuvhu-Letaba, maar die Luvuvhu is verdeel vanaf die Luvuvhu-Letaba en by die Limpopo gevoeg.
3. Inkomati-Usuthu	Die Inkomati WBG was behou en die Usuthu gedeelte of die Usutu/Mhlathuze was by die Inkomati gevoeg.
4. Pongola-Mzimkulu	Die Mhlathuze, Thukela en Mvoti-Umzimkulu WBGde, met riviere volg oos in die Indiese Oseaan saamgestel in 'n enkele WBG.
5. Vaal	Die drie Vaal WBGde (Boonste, Middel en Laer Vaal) was in 'n enkele WBG.
6. Orange	Die boonste en laer Oranje Rivier WBGde is in 'n enkele WBG saamgestel.
7. Mzimvubu-Tsitsikamma	Die Mzimvubu-Keiskamma en Vis-Tsitsikamma WBGde is in 'n enkele WBG saamgestel.
8. Breede-Gouritz	Die Breede en Gouritz WBGde is in 'n enkele WBG

	saamgestel.
9. Berg-Olifants	Die Berg en Olifants-Doorn WBGde is in 'n enkele WBG saamgestel.

Die nege (9) voorgestelde waterbestuursgebiede wat as OBAs gevestig sal word



MEV B E E MOLEWA, MP
MINISTER VAN WATER EN OMGEWINGSAKE



PROPOSED NEW WATER MANAGEMENT AREAS

This map depicts the new proposed Water Management Area Boundaries.

April 2012

LEGEND

- Proposed New WMA Boundary
- Secondary Drainage Region Boundary
- Quaternary Drainage Region Boundary
- International Boundary

Proposed new WMA's

- 1 Limpopo
- 2 Olifants
- 3 Inkomati-Usuthu
- 4 Pongola-Mzimkulu
- 5 Vaal
- 6 Orange
- 7 Mzimvubu-Tsitsikamma
- 8 Breede-Gouritz
- 9 Berg-Olifants

Aknowledgements

Data on international boundaries was obtained from Chief Directorate National Geospatial Information (NGI), Department of Land Affairs.

South Africa: Proposed New Water Management Areas
April 2012

