



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

KWAZULU NATAL PROVINCIAL OPERATIONS

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Attention: Mr Sibusiso Vincent Mjwara

GENERAL AUTHORISATION IN TERMS OF SECTION 39 OF THE NATIONAL WATER ACT, 1998 (ACT 36 OF 1998): UMGENI WATER – PROPOSED VULINDLELA BULK WATER SUPPLY SCHEME (PHASE 1 AND 2), WITHIN UMGUNGUNDLOVU DISTRICT MUNICIPALITY, KWAZULU-NATAL.

Your request to use water in terms of Section 21 (c) and (i) of the National Water Act, 1998 (Act 36 of 1998), associated with proposed Vulindlela Bulk Water Supply Scheme which comprised two (2) Phases (Phase 1 from Reservoir 2 to Reservoir 5 and Phase 2 – from Howick West to Reservoir 2), located within Umgungundlovu District Municipality, within 500m of the watercourses situated in quaternary catchments U20C and U20H of the Pongola-UMzimkhulu Catchment Management Area refers:

The Department has evaluated the submitted documents and has confirmed that the intended water uses in terms of Section 21 (c) and (i) of the Act falls within the ambit of General Authorisations, Government notice No. 509 dated 26 August 2016 as published in Government Gazette Notice 40229. The Department hereby authorises the following water uses under General Authorisation:

1. Water Use(s):

Section 21(c): Impeding or diverting the flow of water in a watercourse.

Section 21(i): Altering the bed, banks, course or characteristics of a watercourse.

Table 1: Details of Property where water use will occur for section 21(c) and (i)

Property description	Name of water resource	Quaternary Catchment	Purpose	Dimensions (m; m ² or km)	Co-ordinates
PHASE 2: Starting from Howick West – towards Reservoir 2: Preferred Route					
Portion 20 of Farm Brookdales No 935 and Portion 18 of Farm Zwaartkop No 4669	Watercourses, Channelled, Unchannelled, Valley Bottom and Depression wetlands, Seepage, Riverine systems, Ephemeral Drainage Line and Artificial watercourses.	U20C and U20H	Construction of Vulindlela Pipeline	Length = 17km Diameters = 0.2m and 0.80m	Start 29°31'08.84" S 30° 13' 13.45" E End 29° 37' 56.39" S 30° 08' 21.19" E
Portion 0 of Farm Nxamalala No 17491	Riverine systems	U20C	Construction of New 20ML Reservoir 2	11 300 m ²	29° 35' 39.95" S 30° 11' 51.41" E
Portion 5 of Farm Riet Vallei No 1043	Depression wetland	U20C	Construction of the 10ML Midway Ridge Reservoir	2 490 m ²	29° 34' 01.84" S 30° 12' 15.51" E
Portion 20 of Farm Brookdales No 935	Riverine systems	U20C	Construction of New Pump Stations: Howick West Pump Station	440 m ²	29° 31' 08.84" S 30° 13' 13.45" E
Portion 0 of Farm Riet Vallei No 1043	Ephemeral Drainage Line	U20C	Construction of Mphomeni pump station	504 m ²	29° 35' 11.70" S 30° 11' 54.98" E
Portion 0 of Farm Nxamalala No 17491	Riverine systems	U20C	Construction of Reservoir 2 Pump Station	1 900 m ²	29° 35' 44.36" S 30° 11' 56.21" E
Portion 18 of Farm Brookdales No 935	Seepage wetland	U20C	Construction of pipeline	Length = 9.45km Diameter = 0.80m	End 29°31'12.38"S 30°13'13.64"E Start 29°31'16.78"S 30°13'12.92"E
Portion 10 of Farm Brookdales No 935	Channelled Valley Bottom wetlands	U20C	Construction of pipeline	Length = 9.45km Diameter = 0.80m	End 29°32'01.77"S 30°12'39.50"E Start 29°32'05.62"S 30°12'37.75"E
Portion 6 of Farm Brookdales No 935	Channelled Valley Bottom wetlands	U20C	Construction of pipeline	Length = 9.45km Diameter = 0.80m	End 29°32'45.99"S, 30°12'10.00"E Start 29°32'49.10"S, 30°12'06.12"E

Property description	Name of water resource	Quaternary Catchment	Purpose	Dimensions (m; m ² or km)	Co-ordinates
Portion 16 of Farm Riet Vallei No 1043	Channelled Valley Bottom wetlands	U20C	Construction of pipeline	Length = 9.45km Diameter = 0.80m	Start 29°32'51.19"S; 30°12'3.86"E End 29°32'52.00"S; 30°12'3.11"E
Portion 5 Erf 1043 Farm Riet Vallei	Channelled Valley Bottom wetlands	U20C	Construction of pipeline	Length = 9.45km Diameter = 0.80m	Start 29°32'52.81"S; 30°12'3.87"E End 29°33'11.68"S, 30°12'13.33"E
Portion 5 Erf 1043 Farm Riet Vallei	Seepage wetland	U20C	Construction of pipeline	Length = 9.45km Diameter = 0.80m	Start 29°33'21.42"S; 30°12'13.79"E End 29°33'24.05"S; 30°12'13.87"E
Portion 5 Erf 1043 Farm Riet Vallei	Channelled Valley Bottom wetlands	U20C	Construction of pipeline	Length = 9.45km Diameter = 0.80m	Start 29°33'27.30"S; 30°12'14.03"E End 29°33'31.43"S; 30°12'14.15"E
Portion 5 Erf 1043 Farm Riet Vallei	Seepage wetland	U20C	Construction of pipeline	Length = 9.45km Diameter = 0.80m	Start 29°33'34.71"S; 30°12'14.26"E End 29°33'37.35"S; 30°12'14.35"E
Portion 5 Erf 1043 Farm Riet Vallei	Riverine system	U20C	Construction of pipeline	Length = 9.45km Diameter = 0.80m	Start 29°34'02.90"S, 30°12'15.20"E End 29°34'3.03"S, 30°12'15.26"E
Portion 5 Erf 1043 Farm Riet Vallei	Riverine system	U20C	Construction of the 10ML midway reservoir	1000 m ²	Start 29°34'2.92"S; 30°12'15.19"E End 29°34'3.08"S; 30°12'15.19"E
Portion 0 Erf 1043 Farm Riet Vallei	Riverine system	U20C	Construction of pipeline	Length = 9.45km Diameter = 0.80m	Start 29°34'28.12"S; 30°12'21.03"E End 29°34'28.33"S; 30°12'21.08"E
Portion 0 Erf 1043 Farm Riet Vallei	Riverine system	U20C	Construction of pipeline	Length = 9.45km Diameter = 0.80m	Start 29°34'32.31"S; 30°12'19.59"E End 29°34'32.65"S; 30°12'19.45"E
Portion 0 Erf 1043 Farm Riet Vallei	Channelled Valley Bottom wetlands	U20C	Construction of pipeline	Length = 9.45km Diameter = 0.80m	Start 29°34'44.23"S; 30°12'12.16"E End 29°34'44.79"S; 30°12'11.82"E

Property description	Name of water resource	Quaternary Catchment	Purpose	Dimensions (m; m ² or km)	Co-ordinates
Portion 0 Erf 1043 Farm Riet Vallei	Artificial watercourse	U20C	Construction of pipeline	Length = 9.45km Diameter = 0.80m	Start 29°34'47.66"S; 30°12'9.92"E End 29°34'47.74"S; 30°12'9.75"E
Portion 0 Erf 1043 Farm Riet Vallei	Riverine system	U20C	Construction of pipeline	Length = 9.45km Diameter = 0.80m	Start 29°35'0.33"S; 30°11'54.25"E End 29°35'1.08"S; 30°11'54.16"E
PHASE 1: Starting from Reservoir 2 to Reservoir 5					
Portion 18 of Farm Zwaartkop No 4669	Riverine system	U20H	Construction of pipeline	Length = 3.5km Diameter = 0.20m	Start 29°36'54.78"S, 30°10'12.03"E End 29°36'57.06"S, 30°10'10.49"E
Portion 18 of Farm Zwaartkop No 4669	Seepage wetland	U20H	Construction of pipeline	Length = 3.5km Diameter = 0.20m	Start 29°36'59.34"S; 30°10'9.48"E End 29°36'59.80"S; 30°10'9.24"E
Portion 18 of Farm Zwaartkop No 4669	Channelled Valley Bottom wetlands	U20H	Construction of pipeline	Length = 3.5km Diameter = 0.20m	Start 29°37'1.49"S; 30°10'8.50"E End 29°37'2.07"S; 30°10'8.23"E
Portion 18 of Farm Zwaartkop No 4669	Channelled Valley Bottom wetlands	U20H	Construction of pipeline	Length = 3.5km Diameter = 0.20m	Start 29°37'19.50"S; 30°10'1.03"E End 29°37'20.05"S; 30°10'0.82"E
Portion 18 of Zwaartkop No 4669	Riverine system	U20H	Construction of pipeline	Length = 3.5km Diameter = 0.20m	Start 29°37'20.07"S; 30°10'1.16"E End 29°37'20.34"S; 30°10'1.03"E
Portion 18 of Zwaartkop No 4669	Unchannelled Valley Bottom wetlands	U20H	Construction of pipeline	Length = 3.5km Diameter = 0.20m	Start 29°37'20.35"S; 30°10'1.03"E End 29°37'21.24"S; 30°10'0.62"E
Portion 18 of Zwaartkop No 4669	Channelled Valley Bottom wetlands	U20H	Construction of pipeline	Length = 3.5km Diameter = 0.20m	Start 29°37'26.87"S; 30° 9'58.02"E End 29°37'28.25"S; 30° 9'57.38"E

Property description	Name of water resource	Quaternary Catchment	Purpose	Dimensions (m; m ² or km)	Co-ordinates
Portion 18 of Zwaartkop No 4669	Channelled Valley Bottom wetlands	U20H	Construction of pipeline	Length = 3.5km Diameter = 0.20m	Start 29°37'29.18"S; 30° 9'56.96"E End 29°37'30.88"S; 30° 9'56.19"E
Portion 18 of Zwaartkop No 4669	Unchannelled Valley Bottom wetlands	U20H	Construction of pipeline	Length = 3.5km Diameter = 0.20m	Start 29°37'41.84"S, 30° 9'51.14"E End 29°37'42.98"S, 30° 9'50.60"E
Portion 18 of Zwaartkop No 4669	Channelled Valley Bottom wetlands	U20H	Construction of pipeline	Length = 3.5km Diameter = 0.20m	Start 29°37'48.39"S, 30° 9'48.03"E End 29°37'49.50"S, 30° 9'47.50"E
Portion 18 of Zwaartkop No 4669	Seepage wetland	U20H	Construction of pipeline	Length = 3.5km Diameter = 0.20m	Start 29°37'55.12"S, 30° 9'44.84"E End 29°37'57.76"S, 30° 9'43.58"E
Portion 18 of Zwaartkop No 4669	Seepage wetland	U20H	Construction of pipeline	Length = 3.5km Diameter = 0.20m	Start 29°38'0.31"S, 30°9'42.37"E End 29°38'0.84"S, 30°9'42.12"E
Portion 18 of Zwaartkop No 4669	Riverine system	U20H	Construction of pipeline	Length = 3.5km Diameter = 0.20m	Start 29°38'0.84"S, 30°9'42.12"E End 29°38'1.40"S, 30°9'41.86"E
Portion 18 of Zwaartkop No 4669	Seepage wetland	U20H	Construction of pipeline	Length = 3.5km Diameter = 0.20m	Start 29°38'1.81"S; 30°9'41.66"E End 29°38'2.23"S; 30°9'41.46"E
Portion 18 of Zwaartkop No 4669	Channelled Valley Bottom wetlands	U20H	Construction of pipeline	Length = 3.5km Diameter = 0.20m	Start 29°38'4.42"S; 30°9'40.26"E End 29°38'6.94"S; 30°9'38.69"E
Portion 18 of Zwaartkop No 4669	Channelled Valley Bottom wetlands	U20H	Construction of pipeline	Length = 2.5km Diameter = 0.60m	Start 29°38'16.56"S; 30° 9'12.92"E End 29°38'16.94"S; 30° 9'12.02"E

Property description	Name of water resource	Quaternary Catchment	Purpose	Dimensions (m; m ² or km)	Co-ordinates
Portion 18 of Zwaartkop No 4669	Seepage wetland	U20H	Construction of pipeline	Length = 2.5km Diameter = 0.60m	Start 29°38'17.52"S; 30° 9'2.03"E End 29°38'17.37"S; 30° 9'1.14"E
Portion 18 of Zwaartkop No 4669	Channelled Valley Bottom wetlands	U20H	Construction of pipeline	Length = 2.5km Diameter = 0.60m	Start 29°38'17.37"S; 30° 9'1.14"E End 29°38'16.27"S; 30° 8'54.63"E
Portion 18 of Zwaartkop No 4669	Riverine system	U20H	Construction of pipeline	Length = 2.5km Diameter = 0.60m	Start 29°38'15.84"S; 30° 8'52.05"E End 29°38'15.33"S; 30° 8'48.76"E
Portion 18 of Zwaartkop No 4669	Riverine system	U20H	Construction of pipeline	Length = 2.5km Diameter = 0.60m	Start 29°38'14.76"S; 30° 8'45.54"E End 29°38'14.33"S; 30° 8'43.29"E

You are required to fully comply with the conditions of aforementioned Government Notice (attached for your convenience).

Please take note that if you do not comply with the conditions of the General Authorisation, the intended Section 21 (c) & (i) water uses will be regarded as unlawful. You may subsequently be required to apply for a water use licence in terms of the National Water Act, (Act 36 of 1998), however the issuing of such a licence cannot be guaranteed. Furthermore, failure to comply with the conditions of the General Authorisations constitutes an offence and is subject to a penalty as set out in Section 151(2) of the Act.

Your attention is further drawn to the following:

1. This General Authorisation is valid from the date of publication of the abovementioned Government Notice for a period of twenty years (20) years unless:
 - It is replaced by another General Authorisation;
 - The water user is required to apply for a licence in terms of the Act.
2. The conditions of this General Authorisations shall be brought to the attention of all persons (employees, sub-consultants, contractors etc.) associated with the undertaking of this activities and the authorised party shall take such measures that are necessary to bind such persons to these conditions.
3. The proposed water use activities have been Generally Authorised because the ecological risks involved are minimal.
4. The responsible person for these activities shall immediately inform the Director: Proto CMA – Pongola to Umzimkhulu Water Management Area of any change in the name, address and/ or premises and legal status.

5. The Department accepts no liability of any damage, loss or inconvenience of whatever nature, suffered as a result of the authorised activities.
6. This General Authorisation shall not be construed as exempting the water user from compliance with any other applicable Act, Ordinance, Regulation or By-law.

This Department reserves the right to request additional measures that could be taken, which may include an application for a water use license, should the activity be deemed to cause a significant impact to the environment.

Please do not hesitate to call this office should you have any queries.

Yours faithfully



Director: Proto CMA – Pongola to Umzimkhulu
Mr. J Reddy

Date: 15/10/2022