



water & sanitation

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REPUBLIC OF SOUTH AFRICA

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ATTENTION: Mr. F.J Ludeke

GENERAL AUTHORISATION IN TERMS OF SECTION 39 OF THE NATIONAL WATER ACT, 1998 (ACT NO. 36 OF 1998): WATER USE ACTIVITIES TO BE UNDERTAKEN BY ESKOM HOLDINGS SOC LIMITED ON VARIOUS PROPERTIES IN THE KURUMAN-HOTAZEL AREA, NORTHERN CAPE PROVINCE.

Your application for a water use authorisation in terms of Chapter 4 of the National Water Act, 1998 (Act No. 36 of 1998), has reference.

After considering your application together with all supporting documentation it was confirmed that the water uses applied for falls within the ambit of a general authorisation as stipulated in Section 39 of the National Water Act, 1998 (Act No. 36 of 1998) and Government Notice 509 of 2016.

In terms of the relevant general authorisation, Eskom Holdings SOC Limited is authorised for the water uses applied for in Aarpan 324 Portion 0, Dorisdale 323 Portion 0, Eldoret 274 Portion 0, Elgon 375 Portion 0, Gamohaam 438 Portion 0, Kuruman 690 Portion 0, Kuruman Reserve 690 Portion 1, London 275 Portion 0, Marthavale 322 Portion 1, Mt Roper 321 Portion 0, Pretoria 317 Portion 1, and Riries 320 Portion 2 located in quaternary catchments D41K and D41L.

1. Water uses applied for

- 1.1 Section 21(c): impeding or diverting the flow of water in a watercourse subject to the conditions set out in Appendix I and II
- 1.2 Section 21(i): altering the bed, banks, course or characteristics of a watercourse subject to the conditions set out in Appendix I and II

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2. Water uses and applicable general authorisation

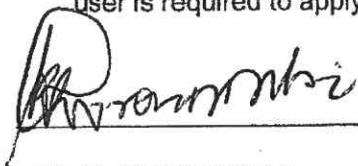
2.1 The water uses applied for and the applicable general authorisation(s) are as reflected in Table 1 below.

Table 1: Water use applied for and relevant general authorization

Water use	Description	Applicable general authorisation
Section 21(c)	Proposed upgrade of the Hotazel-Kuruman 66kV network to 132kV	Government Notice No. 509as published in Government Gazette No. 40229 of 26 August 2016
Section 21(i)	Proposed upgrade of the Hotazel-Kuruman 66kV network to 132kV	Government Notice No. 509as published in Government Gazette No. 40229 of 26 August 2016

3. Validity period

3.1 This authorisation is valid until the applicable general authorisation is amended at any review period; the period is extended by further notice in the Government Gazette; it is replaced with a general authorisation in relation to a specific water resource or within a specific area; or the water user is required to apply for a license in terms of Section 40 of the National Water Act.



**DR. K. KHOROMMBI
ACTING CEO: VAAL PROTO-CMA**

DATE: 01/11/2016.

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APPENDIX I

General conditions of authorisation

1. This authorisation is subject to all applicable provisions of the National Water Act, 1998 (Act 36 of 1998).
2. The responsibility for complying with the provisions of this authorisation is vested in the authorised water user and not any other person or body.
3. The conditions of this authorisation must be brought to the attention of all persons (employees, sub-consultants, contractors, etc.) associated with the undertaking of these activities and the authorised water user must take such measures that are necessary to bind such persons to the conditions of this authorisation.
4. The authorised water user must immediately inform the Provincial Head of any change of name, address, premises and/or legal status.
5. If the property/(ies) in respect of which this water use authorisation is issued is subdivided or consolidated, the authorised water user must provide full details of all changes in respect of the properties to the Provincial Head within sixty (60) days of the said change taking place.
6. If a water user association is established in the area to manage the resource, membership of the authorised water user to this association is compulsory.
7. The authorised water user will be responsible for any water use charges or levies imposed by a responsible authority.
8. Any contravention of any provision of this authorisation is an offence and is subject to the penalty set out in Section 151(2) of the National Water Act, 1998 (Act No. 36 of 1998).
9. This authorisation does not grant any exemption from the requirements of any other applicable act, ordinance, regulation or by-law.
10. Subject to subparagraph 10(2) of Notice No. 32805 of 18 December 2009, the authorised water user must register such water use with the responsible authority.

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APPENDIX II

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

- The water user is authorised for the Section 21(c) and (i) water use activities as set out in Table 2 below.

Table 2: Section 21 (c) & (i) water uses

Water Uses	Purpose	Dimensions (Length x Width x Depth)	Farm name and Property owner	Latitude	Longitude
Section 21 (c) and (i)					
053-HE053	Proposed upgrade of the 66kV network to 132kV	21m x 2.5m x 2.5m	LONDON 275 Portion 0, Saltrim Ranches Pty Ltd	27°13'42.877" S	23°01'47.412" E
054-HE054	Proposed upgrade of the 66kV network to 132kV	21m x 2.5m x 2.5m	LONDON 275 Portion 0, Saltrim Ranches Pty Ltd	27°13'39.289" S	23°01'55.234" E
055-HE055	Proposed upgrade of the 66kV network to 132kV	22m x 2.5m x 2.5m	LONDON 275 Portion 0, Saltrim Ranches Pty Ltd	27°13'35.735" S	23°02'02.980" E
056-HE056	Proposed upgrade of the 66kV network to 132kV	21m x 2.5m x 2.5m	LONDON 275 Portion 0, Saltrim Ranches Pty Ltd	27°13'34.293" S	23°02'11.506" E
074-HE074	Proposed upgrade of the 66kV network to 132kV	21m x 2.5m x 2.5m	ELDORRET 274 Portion 0, Hoogaar Plase Edms Bpk	27°13'00.002" S	23°04'36.122" E
075-HE075	Proposed upgrade of the 66kV network to 132kV	19.2m x 2.5m x 2.5m	ELDORRET 274 Portion 0, Hoogaar Plase Edms Bpk	27°13'02.738" S	23°04'41.236" E
081-ER003	Proposed upgrade of the 66kV network to 132kV	17.4m x 2.5m x 2.5m	ELDORRET 274 Portion 0, Hoogaar Plase Edms Bpk	27°13'03.404" S	23°04'40.774" E
098-ER020	Proposed upgrade of the 66kV network to 132kV	22.8m x 2.5m x 2.5m	LONDON 275 Portion 0, Saltrim Ranches Pty Ltd	27°13'34.955" S	23°02'11.380" E
099-ER021	Proposed upgrade of the 66kV network to 132kV	20m x 2.5m x 2.5m	LONDON 275 Portion 0, Saltrim Ranches Pty Ltd	27°13'36.385" S	23°02'03.229" E

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100-ER022	Proposed upgrade of the 66kV network to 132kV	21m x 2.5m x 2.5m	LONDON 275 Portion 0, Saltrim Ranches Pty Ltd	27°13'39.911" S	23°01'55.595" E
101-ER023	Proposed upgrade of the 66kV network to 132kV	21m x 2.5m x 2.5m	LONDON 275 Portion 0, Saltrim Ranches Pty Ltd	27°13'43.523" S	23°01'47.774" E
141-ER063	Proposed upgrade of the 66kV network to 132kV	21m x 2.5m x 2.5m	PRETORIA 317 Portion 1, Andries Venter Belange Pty Ltd	27°17'05.032" S	23°05'26.446" E
142-ER064	Proposed upgrade of the 66kV network to 132kV	21m x 2.5m x 2.5m	PRETORIA 317 Portion 1, Andries Venter Belange Pty Ltd	27°17'10.040" S	23°05'33.995" E
144-ER066	Proposed upgrade of the 66kV network to 132kV	21m x 2.5m x 2.5m	AARPAN 324 Portion 0, Andries Venter Belange Pty Ltd	27°17'25.086" S	23°05'56.676" E
146-ER068	Proposed upgrade of the 66kV network to 132kV	21m x 2.5m x 2.5m	DORISDALE 323 Portion 0, Venter	27°17'35.053" S	23°06'11.703" E
147-ER069	Proposed upgrade of the 66kV network to 132kV	21m x 2.5m x 2.5m	DORISDALE 323 Portion 0, Venter	27°17'40.081" S	23°06'19.283" E
148-ER070	Proposed upgrade of the 66kV network to 132kV	21m x 2.5m x 2.5m	DORISDALE 323 Portion 0, Venter	27°17'45.389" S	23°06'27.287" E
149-ER071	Proposed upgrade of the 66kV network to 132kV	21m x 2.5m x 2.5m	DORISDALE 323 Portion 0, Venter	27°17'50.539" S	23°06'35.052" E
150-ER072	Proposed upgrade of the 66kV network to 132kV	21m x 2.5m x 2.5m	DORISDALE 323 Portion 0, Venter	27°17'55.499" S	23°06'42.532" E
152-ER074	Proposed upgrade of the 66kV network to 132kV	21m x 2.5m x 2.5m	DORISDALE 323 Portion 0, Venter	27°18'05.466" S	23°06'57.563" E
160-ER082	Proposed upgrade of the 66kV network to 132kV	21m x 2.5m x 2.5m	DORISDALE 323 Portion 0, Venter	27°18'53.930" S	23°08'10.669" E
164-ER086	Proposed upgrade of the 66kV network to 132kV	21m x 2.5m x 2.5m	MARTHAVALE 322 Portion 1, Booyesen	27°19'13.334" S	23°08'39.950" E
170-ER092	Proposed upgrade of the 66kV network to 132kV	21m x 2.5m x 2.5m	RIRIES 320 Portion 2, Gamopedi Communal Prop. Ass.	27°19'46.977" S	23°09'30.729" E

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171-ER093	Proposed upgrade of the 66kV network to 132kV	21m x 2.5m x 2.5m	RIRIES 320 Portion 2, Gamopedi Communal Prop. Ass.	27°19'51.798" S	23°09'38.007" E
173-ER095	Proposed upgrade of the 66kV network to 132kV	21m x 2.5m x 2.5m	RIRIES 320 Portion 2, Gamopedi Communal Prop. Ass.	27°20'02.089" S	23°09'53.545" E
175-ER097	Proposed upgrade of the 66kV network to 132kV	19.2m x 2.5m x 2.5m	RIRIES 320 Portion 2, Gamopedi Communal Prop. Ass.	27°20'11.116" S	23°10'07.174" E
181-ER103	Proposed upgrade of the 66kV network to 132kV	19.2m x 2.5m x 2.5m	RIRIES 320 Portion 2, Gamopedi Communal Prop. Ass.	27°20'18.750" S	23°10'52.092" E
191-RG010	Proposed upgrade of the 66kV network to 132kV	22.8m x 2.5m x 2.5m	MT ROPER 321 Portion 0, Ropermoor Pty Ltd	27°20'35.698" S	23°11'48.453" E
193-RG012	Proposed upgrade of the 66kV network to 132kV	21m x 2.5m x 2.5m	MT ROPER 321 Portion 0, Ropermoor Pty Ltd	27°20'37.665" S	23°12'09.817" E
203-RG022	Proposed upgrade of the 66kV network to 132kV	22.8m x 2.5m x 2.5m	MT ROPER 321 Portion 0, Ropermoor Pty Ltd	27°21'00.905" S	23°13'36.875" E
204-RG023	Proposed upgrade of the 66kV network to 132kV	22.8m x 2.5m x 2.5m	MT ROPER 321 Portion 0, Ropermoor Pty Ltd	27°21'04.616" S	23°13'45.746" E
205-RG024	Proposed upgrade of the 66kV network to 132kV	22.8m x 2.5m x 2.5m	MT ROPER 321 Portion 0, Ropermoor Pty Ltd	27°21'08.406" S	23°13'54.808" E

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206- RG025	Proposed upgrade of the 66kV network to 132kV	22.8m x 2.5m x 2.5m	MT ROPER 321 Portion 0, Ropermoor Pty Ltd	27°21'12.315" S	23°14'04.155" E
208- RG027	Proposed upgrade of the 66kV network to 132kV	20m x 2.5m x 2.5m	MT ROPER 321 Portion 0, Ropermoor Pty Ltd	27°21'19.641" S	23°14'21.673" E
209- RG028	Proposed upgrade of the 66kV network to 132kV	22.8m x 2.5m x 2.5m	ELGON 375 Portion 0, Highlands Gemeenskap Trust	27°21'21.849" S	23°14'31.515" E
231- RG050	Proposed upgrade of the 66kV network to 132kV	22.8m x 2.5m x 2.5m	GAMOHAAN 438 Portion 0, Toto	27°22'09.934" S	23°18'06.108" E
239- RG058	Proposed upgrade of the 66kV network to 132kV	22.8m x 2.5m x 2.5m	GAMOHAAN 438 Portion 0, Toto	27°22'10.356" S	23°19'22.880" E
266- GM01 0	Proposed upgrade of the 66kV network to 132kV	18.8m x 2.5m x 2.5m	KURUMAN RESERVE 690 Portion 1, Ga- Segonyana Municipality	27°23'22.369" S	23°22'44.468" E
287- GM03 1	Proposed upgrade of the 66kV network to 132kV	22m x 2.5m x 2.5m	KURUMAN 690 Portion 0, Jantjie	27°24'08.513" S	23°25'22.246" E
288- GM03 2	Proposed upgrade of the 66kV network to 132kV	22m x 2.5m x 2.5m	KURUMAN 690 Portion 0, Jantjie	27°24'08.130" S	23°25'31.068" E
289- GM03 3	Proposed upgrade of the 66kV network to 132kV	20m x 2.5m x 2.5m	KURUMAN 690 Portion 0, Jantjie	27°24'07.658" S	23°25'41.966" E
290- GM03 4	Proposed upgrade of the 66kV network to 132kV	19.7m x 2.5m x 2.5m	KURUMAN 690 Portion 0, Jantjie	27°24'14.989" S	23°25'44.184" E
291- GM03 5	Proposed upgrade of the 66kV network to 132kV	19.7m x 2.5m x 2.5m	KURUMAN 690 Portion 0, Jantjie	27°24'22.936" S	23°25'46.590" E
292- GM03 6	Proposed upgrade of the 66kV network to 132kV	19.7m x 2.5m x 2.5m	KURUMAN 690 Portion 0, Jantjie	27°24'29.828" S	23°25'48.676" E

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293-GM037	Proposed upgrade of the 66kV network to 132kV	22m x 2.5m x 2.5m	KURUMAN 690 Portion 0, Jantjie	27°24'37.310" S	23°25'50.941" E
294-GM038	Proposed upgrade of the 66kV network to 132kV	23.3m x 2.5m x 2.5m	KURUMAN 690 Portion 0, Jantjie	27°24'38.131" S	23°26'00.084" E
295-GM039	Proposed upgrade of the 66kV network to 132kV	18m x 2.5m x 2.5m	KURUMAN 690 Portion 0, Jantjie	27°24'38.731" S	23°26'06.764" E
N001-ER001	Proposed upgrade of the 66kV network to 132kV	19.2m x 2.5m x 2.5m	ELDORET 274 Portion 0, Hoogaar Plase Edms Bpk	27°13'00.642" S	23°04'35.677" E
N006-ER006	Proposed upgrade of the 66kV network to 132kV	21m x 2.5m x 2.5m	DORISDALE 323 Portion 0, Venter	27°18'10.403" S	23°07'05.008" E

2. The authorised water use may only be exercised on the properties and at the locations as stipulated in Table 2 above. The minimum buffer as stipulated in the technical reports submitted as part of this application must be maintained around all watercourses affected by the authorised water use(s).
3. The water use must not cause a potential, measurable or cumulative detrimental impact on the characteristics of a watercourse.
4. The water user must ensure that the water use:
 - 4.1 does not have a detrimental impact on the lawful water use or land of any other person; and
 - 4.2 is not detrimental to the health and safety of the public.
5. Prior to the commencement of the water use, the water user must obtain:
 - 5.1 lawful authority to enter upon land owned or controlled by the state; and
 - 5.2 access to enter upon private owned or controlled land on which the proposed water use is to be undertaken.
6. Structures and hardened surfaces associated with the water use must not:
 - 6.1 be erosive;
 - 6.2 be structurally unstable;
 - 6.3 induce any flooding; or

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- 6.4 be a health and safety hazard.
7. The water use must not result in a potential, measurable or cumulative detrimental:
- 7.1 change in the stability of a watercourse;
 - 7.2 change in the physical structure of a watercourse;
 - 7.3 scouring, erosion or sedimentation of a watercourse; or
 - 7.4 decline in the diversity of communities and composition of the natural, endemic vegetation
8. The water use must not result in a potential, measurable or cumulative detrimental change in the quantity, velocity, pattern, timing, water level and assurance of flow in a watercourse.
9. The water use must not result in a potential, measurable or cumulative detrimental change in the water quality characteristics of the water course.
10. The water use must not result in a potential, measurable or cumulative detrimental change in the:
- 10.1. breeding, feeding and movement patterns of aquatic biota, including migratory species;
 - 10.2. level of composition and diversity of biotopes and communities of animals and microorganisms; or
 - 10.3. condition of the aquatic biota.
11. Copies of all designs, risk assessments, rehabilitation plans and any other reports required must be made available upon written request to the responsible authority.
12. The water user must ensure that there is sufficient budget to complete and maintain the water use as set out in this notice. The Department may at any stage of the process request proof of budgetary provisions.
13. Upon completion of the water use:
- 13.1. a systematic rehabilitation programme must be undertaken to restore the watercourse to its condition prior to the commencement of the water use;
 - 13.2. all disturbed areas must be re-vegetated with indigenous vegetation suitable to the area; and
 - 13.3. an active campaign for controlling new exotic and alien vegetation must be implemented within a disturbed area.
14. Upon completion of the water use, the water user must undertake a habitat assessment study annually for three (3) years to ensure that the rehabilitation is stable, failing which; remedial action must be taken to rectify any impacts.

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[END OF GENERAL AUTHORISATION]