Document Classification: Controlled Disclosure

ENVIRONMENTAL IMPACT ASSESSMENT FOR DISTRIBUTION ACTIVITIES

Unique Identifier:

240-72597722

Revision:

Page:

18 of 70

Annex B - Distribution Environmental Screening Document (DESD) (Informative)

Reticulation Powerlines and Ancillary Services

	Ratified and accepted by	
3	Environmental Practitioner	DATE OF THE OWNER OWNER OF THE OWNER OWNE
,	Environmental Specialist	KHOMANANI TRADITIONAL
	Head of Engineering Survey	AUTHORITY
	(one signature please)	Chief N.W. Majosi
	Accepted by Land Owner/s/Users	2020 -06- 2 2
	I have seen the completed document and accept the	7070 00 7 Z
	recommendations made	P.O. BOX 247, KHOMANANI, 0933
	Assessor/s	WHEEMER DISTER
	Form completed by MATOSI M.M. Signature: M. A. A. D. Z. Mill.	LIMPOPO PROV
لأ	in consultation with: Math. 69 Z.Msignature:	
	CAPACITY (e.g. land owner, specialist): CHIGF	
	DATE COMPLETED: 2020-06-22	

Instructions

- Fill the report in as neatly and completely as possible.
- Where the question / statement is not applicable mark N/A. 2.
- Indicate sensitive areas on a map and/or spanning plans.
- When in doubt, consult the Environmental Practitioner in your region.

The purpose of this DESD is to:

- Determine whether or not the project should be subject to R543-7, published in terms of the National Environmental management Act 107 of 1998.
- Identify and mitigate the negative impact of Eskom's activities to a minimum in line with both Legislation and Eskom's Environmental Policies.
- This report is a guide to Route Selection, Construction and Field Services.

NOTE Complete the report before the survey!!!

This is not an office exercise.

Extra sheets of paper may be added and referenced if insufficient space has been provided.

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240-72597722

Revision:

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Page:

19 of 70

Annex B (continued)

1 Project description

Project name/Survey Request MAJOSI ECCTRIFICATIONArea THO/TO YAN DO U Project number MAJOSI PEGGINY File number
Rural scheme/ Feeder Voltage 22KV Supply from HST 185/48/8 scheme name, pole numbers for tee-off)
Farm name, etc.)
2 Properties traversed
Farm name (MGJOS) - WAGGNDRIFT Registration number and Division 64 Sub-division - T Compilation number Line length (m) - N = 213 m LV = 340 m Farm name
Registration number and Division Sub-division
3 Brief description of the surrounding area Area 15 open village with 10t of open space avoind
Could the proposed project have an impact on or be constrained by any of the following environmenta aspects?
Encircle the appropriate aspect, giving a description of the present state as well as an indication of the possible negative impact. Note that mitigating measures for these impacts are to be included in the Environmental Management Programme.

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Potential impact (e.g. of erosion)	Mum	impact	******
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4.3 Topography mountains ridges	Tillis Valleyu	,	
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Comments/mitig	gating				measure
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6 Social env	vironment				
6.1 Restricted areas:	nature/game /reserves	hiking trails	tourism route	s parks	recreational areas
Residential- areas	green belts	sacred/holy grounds	OTHER		
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BOOK TO BE SEEN TO SEE THE SEE

- 1.1 The Eskon project manager of co-ordinator, spell be responsible forcensuring that fee tend reviews have been informed beforeverny work is carded out on site. Continuous shall find during the made were have been informed before graving onto site.
- 1.2 Management gate for teckyrshalf-be-respaged for obtain access to eta a fina courte. Arrangements shalf be-made in advance to obtain permission for access.

20. If a country program advance. Any discountry to the entering of the large with the program of the large with the country of the large substitution of the entering of t

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to carery and the mailed on the line route shall be beet closed eight record about a state and the conpositing about. Open gates shall be guarded to prevent animals alreging and useful authorise (percord) and vehicles entering into adjacent camps or properties.

- 3.5 Permission shall be/obtained from landowners before any water is upact ...
- the Montires shell be till on private property: if fires are lit on Eskora's property on in the constructions camp, provision shall be made that no accidental fires are started. No freewood shall be collected in the velo.
- 1.7 If activities that can cause a fire are carried out, fire extinguishers shall be available on site and its the construction camp.
- 1.8 No property may be accessed after normal working hours except with the permission of the landowner. Privacy shall be respected at all times.
- 1.9 Eskom, Eskom's contractors and their employees shall at all times be courteous towards landowners, tenants and the local community.
- Eskom, Eskom's contractors and their employees shall not cause damage to property, crops or animals. Activities that may cause conflict with landowners, tenants, the local work force or the local community shall be avoided. Should conflict arise it shall be immediately reported to the Eskom project manager or co-ordiator.
- 1.11 Vehicles shall be driven at a moderate speed on private roads and stay within the statutory speed limit on public roads.
- All movement of vehicles shall take place on the established Eskom servitude road or on private roads as agreed in advance. Keep to existing tracks. No movement shall take place through the veld. Special care shall be taken to prevent excess damage during wet weather.

Page

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Apprex C (confinued)

- 9.33 If any vehicle should get stuck, the damage shall be regained immediately so, that sometimes were remain.
 - Any damage to private property shall immediately be reported to Eskonward the immediately of damage shall be rectified in mediately if possible and/or appropriate compensation shall be pision to the project manager/co-ordinate inconsultation with the property with a factor of damages and rectifying action shall be kept. The landowner's satisfaction with the obtained in writing.

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- Washing and toller acilities shall be provided on site and in the constitution camp after facilities. A shall comply with Eskom standards and shall have the approval of the fandowner.
- 1.17 No human excrement shall be left in the yeld, if no follet facilities are available such waste shall be buried *immediately*.
- Herbicides shall only be applied with Eskom's permission and in accordance with the Eskom Policy on Herbicides ESKPBAAD4.
- 1.19 Camp and office sites shall be dismantled and removed after completion of the construction phase of the project. The site shall be rehabilitated to as close as possible to its original condition to the satisfaction of the landowner, which shall be in writing.
- 1.20 All excavations shall be enclosed to prevent animals or people from accidentally falling into excavations.
- 1.21 No trees shall be cut or removed without prior permission from the landowner. Permits shall be obtained for the cutting and removal protected trees (protected trees shall be dealt with in 2, Special conditions).
- 1.22 Should any natural heritage object be found, or exposed during excavations, all work shall be terminated immediately and the finding reported to the Project Manager who shall inform the Eskom Environmental Practitioner and the SAHRA.

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2 Special considers. (Specific results identified during the scopi protested trees, etc.).			
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		truction to avoid growing	
Soil Compaction	ere least o	g activities to times of susceptible to compactities when ground conculpment with low bearinghing.	ion. The poor.
Construction of new lines	- locate acc	cess roads along existi	ng traffic routs.
Topsoil – subsoil mixing/soil rutting	- stop activ - use of equal companies - removal companies - Segregat	ion of topsoil and subs	ng capacity. tility loss. EAuctivity. e from foundation oil.
Disturbance to farm operations	- maintain	contact with landowne	r/tenant regarding
Loss of livestock	- employ n livestock. - Construc - Securing - Clean-up ingested.	oise control measures tion of farm gates. farm gates. construction materials	s which could be
SOCIAL IMPACTS		1	
Mud and Dust	- chemical	own dry soils. control of dust. roads to remove mud. y planting of grasses.	

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\$		adowners' conditions,
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		cheduling to avoid peak use periods.
WATER QUALITY		ന്നുള്ളത്തെ അവരെ ത്രീയക്കെ വാരുക്കായ ത്രായ ദിയോഗ് വാരാ വായിലെ വാരാന് വാരാന് വായാ വിവാഗം വായി വാരാ വായുക്കായ വാ പ
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exection from the right-of way.	ie	sting, construction and maintenance.
, , , , , , , , , , , , , , , , , , , ,		sintain a cover even
		tain buffers.
Siream bank erosion.		echanical erosion control.
Strate of Soloth		tain shrubby stream bank vegetation and selectively
	CI	at or prune trees during line clearing/maintenance.
·	- S6	elective spraying of herbicides.
		echanical erosion control.
Impedance of natural flow		
		se and maintenance of appropriate stream crossing
streams/others surface waters.		evice.
Ponding or channelization of surface		ning activities to stable ground conditions.
waters due to rutting.	- us	se of gravel roads.
Contamination of surface or ground	- sr	oill control material and procedures readily available.
waters through spills or leaks of toxic	- si	te selection where possible.
substances.		•
Soil compaction/topsoil-subsoil mixing.	- a\	roidance of rutting by vehicles where possible.
		onstruction timing.
		se of gravel roads.
		se of vehicles with low bearing pressures.
		op activities when ground conditions are poor.
Wind/water erosion.		oldance of areas with high erosion potential.
Third water erectors		ning activities to the most stable ground conditions.
		ope stabilisation.
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		getation erosion control,
		compaction of trenches.
	<u>- av</u>	oid trenching parallel to the fall of a slope.