PROCEDURE FOR THE ENVIRONMENTAL ASSESSMENT OF RETICULATION AND SUB-TRANSMISSION PROJECTS: ANNEX Q OF THE CAPITAL INVESTMENT PROCEDURE SCSPVABP7 Page 1 of 9

Annex B

Distribution Environmental Screening Document (DESD) Reticulation Powerlines and Ancillary Services

Ratified and accepted by
Environmental Practitioner
Environmental Specialist
Head of Engineering Survey
(one signature please)

Accepted by Land Owner/s/Users
I have seen the completed document and accept the recommendations made

Assessor/s

Form completed by
In consultation with:

CAPACITY (e.g. land owner, specialist):

Date:

Assessor/s

Assessor/s

Assessor/s

Audio

Signature:

AUN FR

Date:

Instructions

- Fill the report in as neatly and completely as possible.
- Where the question / statement is not applicable mark N/A.
- The form must be completed in consultation with someone who knows the area well and who can also predict if any future development is envisaged (e.g. a landowner, land user, specialist, etc.).
- 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 R1183, published in terms of the Environment Conservation Act No. 73 of 1989.
- 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.

ENVIRONMENTAL IMPACT ASSESSMENT FOR Unique Identifier: **DISTRIBUTION ACTIVITIES**

Type:

34-926 DPC

Revision:

DRAFT 0A

Page:

2 of 7

Annex B (continued)

1 Project description

Project name/Su	rvey	
Request	ESKOM WITBANK	Area ERMELO
Project number	MOOIFONTEIN ELEC	File number
Rural scheme/		
Feeder	CCA	Voltage
Supply from	CCA284/58/3 & CCA284/29/24	
(scheme name,	pole numbers for tee-off)	
Supply to	PTNS 8 & 3 MOOIFONTEIN 109IT	
(Farm name, etc	5.)	
2 Properties	travoreed	
z Properties	i uaverseu	
Farm name	MOOIFONTEIN	
Registration nur	nber and Division 109 IT	Sub-division PTN 3 & 8
Compilation nur	nber Line I	ength (m)
Farm name		
Registration nur	mber and Division	Sub-division
Compilation nur	mber Line I	ength/Site area (m²)
- 	- W	
	ription of the surrounding a	
		RMELO
aspects?		be constrained by any of the following environmental
Encircle the ap	propriate aspect, giving a description	on of the present state as well as an indication of the

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possible negative impact. Note that mitigating measures for these impacts are to be included in the Environmental Management Programme.

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Type:

34-926 DPC

Revision:

DRAFT 0A

Page:

3 of 7

Annex B (continued)

4 Physical	environi	ment						
4.1 Water:	streams	rivers	dams	wetlands	springs	floodplains	OTHER	
Present condi	ition: NONE	AFFECT	ED					
KAS)				(Captarine Captarine Capta	28086			
Potential impa	25 (20)							
		, , , , , , , , , , , , , , , , , , ,			***************************************			
	an and the second	nessessanessessas					21,0,2111,00211140,000000000000000000000	
4.2 Soil:	san	dy	ro	cky	claye	у	OTHER	
Present cond								
Potential imp	act (e.g. of	erosion) N					***************************************	
4.3 Topogra	iphy mou	intains	ridges	hills valley	s ravines	dongas	OTHER	
Present cond								
Potential imp	act (e.g. of	erosion) N	NONE		patricaling			
Comments/m	nitigating me	easures:						
NONE				**********	******			
***		*********		***************************************				
	,			******************		en e		

ENVIRONMENTAL IMPACT ASSESSMENT FOR Unique Identifier: **DISTRIBUTION ACTIVITIES**

34-926 DPC

Type: Revision:

DRAFT 0A

Page:

4 of 7

Annex B (continued)

5 Natural env	ironment				
5.1 Flora:	(indigenous)	protected	exotic	OTHE	R
Brief description a	and conservation	status (e.g. rare	etc., mention trees/	hush/grass)	
John States	Park St.				
NONE		1	<i>(</i>		
5.2 Fauna:	mamma	als /	(birds)	OTHER	************
5		o and the same to the same			
Brief description a			20 28	or properties seems	W
i 50 - N 5		455 E	s, eagles, vultures, e		
WILD BIRDS ANI	DOMESTIC M	AMMALS FOUNI	ON SITE	********************	
***************************************	201100012111444114144144				***************************************
Potential impact (e.g. threat of ele	ctrocution, collisi	on, etc)		***************
NONE					
		NAKERA NI ARDIA KANTANA MAKERA		MORE PROTESTANTON CONTRACTOR	
Comments/mitiga	iting measures:				
NONE	== :::::::::::::::::::::::::::::::::::				

	######################################				
6 Social envi	ronment				
6.1 Restricted areas:	nature/game reserves	hiking trails	tourism routes	parks	recreational areas
Residential- areas	green belts	sacred/holy grounds	OTHER	3	
Brief description	NONE				. 19100010000000000000000000000000000000

ENVIRONMENTAL IMPACT ASSESSMENT FOR Unique Identifier: **DISTRIBUTION ACTIVITIES**

Type:

34-926 DPC

Revision: Page:

DRAFT 0A 5 of 7

Annex B (continued)

.2 Visual aesthetics		hidden		partially	
97					
3.3 Natural heritage:	cultural significance	archaeological objects	monuments	palaeontological objects	
	graves	meteorites	ruins	OTHER	
Resource Act. No 25 of	atural heritage	ied, the requirement	s of Act 25 of 1999	ned in the National Her shall be followed by noti notified.	
Resource Act, No 25 on the SAHRA. If line or	atural heritage of 1999 be identif access road le	ied, the requirement ngth exceeds 300m	s of Act 25 of 1999 SAHRA shall be	9 shall be followed by noti notified.	
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Resource Act, No 25 of the SAHRA. If line or Potential impact NONI	atural heritage of 1999 be identif access road le	ied, the requirement ngth exceeds 300m	s of Act 25 of 1999 SAHRA shall be	9 shall be followed by noti notified.	
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Resource Act, No 25 of the SAHRA. If line or Potential impact NONI Comments/mitigating in NONE	atural heritage of 1999 be identif access road le	ied, the requirement	s of Act 25 of 1999 SAHRA shall be	9 shall be followed by noti notified.	

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ENVIRONMENTAL IMPACT ASSESSMENT FOR Unique Identifier:

Type:

34-926 DPC

Revision: Page: DRAFT 0A 6 of 7

Annex B (continued)

Potential impact NONE	***************************************	***************************************			
7.1.1 Commercial:	factories		shops	OTHER	
7.1.2 Infrastructure:	roads pipelines	railways sewage	communications	power lines	air fields
NOTICE TO SERVICE THE SERVICE					
Potential impact NONE.					
Comments/mitigating					ecana ice distributor estates:

DRAFT 0A Revision: 7 of 7 Page: Annex B (continued) What impact will this project have on elements 4 to 7? **Physical** Low impact (0 Medium impact (2) High impact (4) 2. Natural Medium impact (2) High impact (4) Low impact (0) Social 3 Medium impact (2) High impact (4) Low impact (0) Overall impact: This section addresses the overall environmental impact of the project. The impacts as assessed in the above three spheres (physical, natural and social) need to be considered to determine the overall impact 0 Medium impact High impact Low impact If the overall impact is between 2 and 4, contact the Environmental Management Officer or the Environmental Senior Superintendent. **Alternatives** Have alternative routes been discussed with the relevant land owner/s or users? No **Detailed study** Is an environmental assessment required in terms of Regulation R543? Yes No Should a permit application be made to DWA? Yes No Should the SAHRA be notified? Yes No

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