

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

G. KUKARD

Signature:

in consultation with:

J. A. PRESORREUS

Signature:

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

OWNER

Date:

2015.08.14

Instructions

1. Fill the report in as neatly and completely as possible.
2. Where the question / statement is not applicable mark N/A.
3. 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.).
4. Indicate sensitive areas on a map and/or spanning plans.
5. When in doubt, consult the Environmental Practitioner in your region.

The purpose of this *DESD* is to:

1. Determine whether or not the project should be subject to R1183, published in terms of the Environment Conservation Act No. 73 of 1989.
2. Identify and mitigate the negative impact of Eskom's activities to a minimum in line with both Legislation and Eskom's Environmental Policies.
3. 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.

Annex B
(continued)

1 Project description

Project name/Survey

Request ESKOM WITBANK Area ERMELO

Project number REMHOOGTE ELEC..... File number

Rural scheme/

Feeder EW..... Voltage.....

Supply from D115/168/16/6/8 & EW312/55.....

(scheme name, pole numbers for tee-off)

Supply to PTN 2 ALBERT 429 IS

(Farm name, etc.)

2 Properties traversed

Farm name PTN 11 REMHOOGTE.....

Registration number and Division 428 IS Sub-division PTN 11

Compilation number Line length (m).....

Farm name

Registration number and Division Sub-division

Compilation number Line length/Site area (m²)

3 Brief description of the surrounding area

CATTLE FARMS NEAR ERMELO

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4 Physical environment

4.1 Water: streams rivers dams wetlands springs floodplains OTHER

Present condition: NONE AFFECTED.....



Potential impact (e.g. threat of pollution): NONE.....

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.....
.....

4.2 Soil: sandy rocky clayey OTHER

Present condition: MOSTLY SANDY SOILS UNDERFOOT

Potential impact (e.g. of erosion) NONE.....

4.3 Topography mountains ridges hills valleys ravines dongas OTHER

Present condition: GENERALLY FLAT TERRAIN.....

Potential impact (e.g. of erosion) NONE FORESEEN.....

Comments/mitigating measures:

... NONE.....
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5 Natural environment

5.1 Flora: indigenous protected exotic OTHER

Brief description and conservation status (e.g. rare, etc., mention trees/bush/grass)

INDIGENOUS GRASSES

Potential impact (e.g. permit applications)

NONE

5.2 Fauna: mammals birds OTHER

Brief description and conservation status:

(e.g. rare, protected, etc., mention giraffe, elephants, eagles, vultures, etc., mention migratory paths)

WILD BIRDS AND DOMESTIC MAMMALS FOUND ON SITE

Potential impact (e.g. threat of electrocution, collision, etc)

NONE FORESEEN

Comments/mitigating measures:

NONE

6 Social environment

6.1 Restricted areas: nature/game reserves hiking trails tourism routes parks recreational areas
Residential-areas green belts sacred/holy grounds OTHER

Brief description NONE

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Potential impact e.g. threat of encroachment, etc. NONE.....

6.2 Visual aesthetics: easily seen hidden partially.....

Brief description LINES TO RUN OVERHEAD.....

Potential impact NONE.....

6.3 Natural heritage: cultural archaeological monuments palaeontological
significance objects OTHER.....
graves meteorites ruins

Note: Should any natural heritage resource as listed above, or as defined in the National Heritage Resource Act, No 25 of 1999 be identified, the requirements of Act 25 of 1999 shall be followed by notifying the SAHRA. If line or access road length exceeds 300m SAHRA shall be notified.

Potential impact NONE.....

Comments/mitigating measures

NONE.....

7 Economic environment

7.1 Land use: crops orchards grazing crop spraying
game farming forestry areas mining OTHER.....

Brief description GRAZING.....

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Potential impact NONE

7.1.1 Commercial: factories shops OTHER

Brief description NONE

Potential impact NONE

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7.1.2 Infrastructure: roads railways communications power lines air fields
pipelines sewage OTHER

Brief description: LINES TEE OFF EXISTING POLES D115/168/16/6/8 & EW312/55

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Potential impact NONE

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Comments/mitigating measures:

NONE

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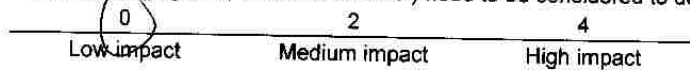
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What impact will this project have on elements 4 to 7?

1. Physical
Low impact (0) Medium impact (2) High impact (4)
2. Natural
Low impact (0) Medium impact (2) High impact (4)
3. Social
Low impact (0) Medium impact (2) High impact (4)

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



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?

Yes _____
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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