

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

(Informative)

**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  *Sibongile Ndlovu* .....

I have seen the completed document and accept the recommendations made  *[Signature]* .....

**Assessor/s**

Form completed by *BURNS SEXTON* Signature: *[Signature]* .....

in consultation with: *A.S. NDLOVU* Signature:  *[Signature]* .....

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

DATE COMPLETED: .....

**Instructions**

1. Fill the report in as neatly and completely as possible.
2. Where the question / statement is not applicable mark N/A.
3. Indicate sensitive areas on a map and/or spanning plans.
4. 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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Annex B  
(continued)

1 Project description

Project name/Survey Request ESKOM Area AMERSFOORT  
Project number BITULOHOLI GWA SCHAAL File number .....  
Rural scheme/  
Feeder ..... Voltage .....  
Supply from T-OFF AT POLE NUMBER VLF 276/83/37  
(scheme name, pole numbers for tee-off)  
Supply to BEGIN DER LYD  
(Farm name, etc.)

2 Properties traversed

Farm name BEGIN DER LYD  
Registration number and Division 474 DS Sub-division 4  
Compilation number ..... Line length (m) 1791,65m  
Farm name .....  
Registration number and Division ..... Sub-division .....  
Compilation number ..... Line length/Site area (m<sup>2</sup>) .....

3 Brief description of the surrounding area

T-OFF AT POLE NUMBER  
VLF 276/83/37

THE LINE IS 1791,65 m LONG AND  
WILL CROSS THE RIVER AND THE  
GRAVEL ROAD.

Could the proposed project have an impact on or be constrained by any of the following environmental 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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**Annex B**  
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**4 Physical environment**

4.1 Water: streams ivers dams wetlands springs floodplains OTHER .....

Present condition: NARROW STREAM CROSSING

Note: No pegs to be placed within 100m of a watercourse (stream, river & dam) or 500m from a wetland. The Environmental Management Officer must be consulted.

Potential impact (e.g. threat of pollution): NONE  
THE ENVIRONMENTAL MANAGEMENT OFFICER  
MUST BE CONSULTED

4.2 Soil: sandy rocky clayey OTHER .....

Present condition: SANDY AND ROCKY AREA

Potential impact (e.g. of erosion) NONE

4.3 Topography mountains ridges hills valleys ravines dongas OTHER .....

Present condition: HILLY AREA

Potential impact (e.g. of erosion) NONE

Comments/mitigating measures:

.....  
.....  
.....  
.....  
.....  
.....  
.....

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**DOCUMENT CLASSIFICATION: CONTROLLED DISCLOSURE  
ENVIRONMENTAL IMPACT ASSESSMENT FOR  
DISTRIBUTION ACTIVITIES**

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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) .....

grass land.

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)

SMALL BIRDS

Potential impact (e.g. threat of electrocution, collision, etc) NONE

Comments/mitigating measures:

**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 N.A.

Brief description SITUATED NEXT TO GRAVEL ROAD.

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

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

Brief description EASILY SEEN  
SITUATED NEXT TO GRAVEL ROAD

Potential impact NONE

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

**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 THE LINE IS 1791,65m LONG  
SAHRA SHOULD BE NOTIFIED

Comments/mitigating measures

**7 Economic environment**

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

Brief description GRAZING LAND

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Potential impact ..... None .....

7.1.1 Commercial: factories shops OTHER .....

Brief description ..... N/A .....

Potential impact ..... None .....

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

Brief description: ..... GRAVEL ROAD CROSSING .....

Potential impact ..... None .....

Comments/mitigating measures:

.....  
.....  
.....  
.....  
.....

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(continued)

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

(0)	2	4
Low impact	Medium impact	High 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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