

Document Classification: Controlled Disclosure

**ENVIRONMENTAL IMPACT ASSESSMENT FOR
DISTRIBUTION ACTIVITIES**

Unique Identifier: 240-72597722

Revision: 1

Page: 18 of 70

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

Reticulation Powerlines and Ancillary Services

Ratified and accepted by
Environmental Practitioner
Environmental Specialist

[Signature] 07/08/2015

Head of Engineering Survey
(one signature please)

Accepted by Land Owner/s/Users

J.M. Grey

I have seen the completed document and accept the
recommendations made

J.M. Grey

Form completed by

A. Pieterius

Assessor/s

Signature:

In consultation with:

J.M. Grey

Signature:

J.M. Grey

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

land owner

DATE COMPLETED: *21-07-2015*

[Handwritten initials: JH, ME, JH, JH]

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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[Handwritten signatures: JH, J.M. Grey, ME, JH]

Annex B
(continued)

4 Physical environment

4.1 Water: streams rivers dams wetlands springs floodplains OTHER

Present condition: Crossing small river

Potential impact (e.g. threat of pollution): N/A.

4.2 Soil: sandy rocky clayey OTHER ✓

Present condition: Normal soil.

Potential impact (e.g. of erosion) N/A.

4.3 Topography mountains ridges hills valleys ravines dongas OTHER

Present condition: Area of panned mostly flat.

Potential impact (e.g. of erosion) N/A.

Comments/mitigating measures:
Crossing river

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Mz J. P.

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Annex B
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Potential impact e.g. threat of encroachment, etc. *N/A*

6.2 Visual aesthetics: easily seen hidden partially

Brief description *Next to road and open area.*

Potential impact

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 *N/A*

Comments/mitigating measures *N/A*

7 Economic environment

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

Brief description *Cattle grazing.*

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Annex B
(continued)

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

1. Physical

No impact (0) Medium impact (2) High impact (4)

2. Natural

No impact (0) Medium impact (2) High impact (4)

3. Social

No 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
No 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?

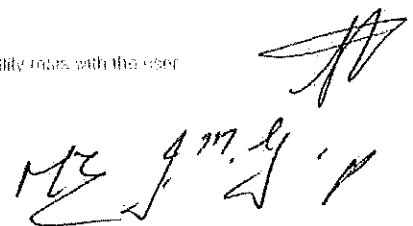
Yes _____
No _____

Should the SAHRA be notified?

Yes _____
No _____

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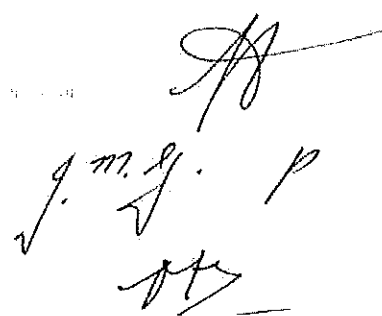


Annex C
(continued)

- 1.13 If any vehicle should get stuck, the damage shall be repaired immediately so that no deep ruts remain.
- 1.14 Any damage to private property shall immediately be reported to Eskom and the owner. The damage shall be rectified immediately if possible and/or appropriate compensation shall be paid to the owner at the discretion of the project manager/co-ordinator in consultation with the property owner. A record of damages and rectifying action shall be kept. The landowner's satisfaction with the outcome of rectifying action shall be obtained in writing.
- 1.15 A proper system of waste management shall be instituted in the construction camp. This entails that sufficient waste bins are available on site and in the construction camp. The waste shall be dumped at an approved waste disposal site. No containers, scrap metal, conductor etc. shall be left on site.
- All scrap shall be removed and taken to an appropriate disposal site. No oil, diesel or other chemicals shall be spilled or discarded anywhere. If an accidental spill occurs, it shall be reported immediately and cleaned to the satisfaction of Eskom and the landowner. No waste shall be left in the veld or on the line route.
- 1.16 Washing and toilet facilities shall be provided on site and in the construction camp. The facilities shall comply with Eskom standards and shall have the approval of the landowner.
- 1.17 No human excrement shall be left in the veld. If no toilet facilities are available such waste shall be buried *immediately*.
- 1.18 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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