

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 Owners/Users

I have seen the completed document and accept the

recommendations made

Form completed by

Assessors

Signature:

[Signature]

in consultation with:

N. Nkosi

Signature:

[Signature]
Land Owner (HSEF)

CAPACITY (e.g. land owner, specialist)

DATE COMPLETED: 02/10/2014

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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ENVIRONMENTAL IMPACT ASSESSMENT FOR DISTRIBUTION ACTIVITIES

Unique Identifier: 240-72597722

Revision: 1

Page: 19 of 70

Annex B

(continued)

1 Project description

Project name/Survey: **ESANDLENI**
 Request: **ESANDLENI ELEC**
 Project number: **ESANDLENI ELEC**
 Rural scheme/Feeder: **RCL**
 Supply from: **RCL 17/10/11 - RCL 17/98**
 (scheme name, pole numbers for tee-off)
 Supply to: **CATHNESS 239 IT**
 (Farm name, etc.)

2 Properties traversed

Farm name: **(CATHNESS)**
 Registration number and Division: **239**
 Sub-division: **IT**
 Completion number: **2630 BD**
 Line length (m): **3874.97M**
 Farm name:
 Registration number and Division:
 Sub-division:
 Completion number:
 Line length/Site area (m²):

3 Brief description of the surrounding area

THIS IS A ELECTRIFICATION PROJECT FOR ESANDLENI SOIL IS LOOSE AND SANDY SOME BUSH CLEARING IS NEEDED TO GET IN THE AREA ITS A INFORMAL SETTLEMENT

Could the proposed project have an impact on or be constrained by any of the following environmental aspects?
 Enclose 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 (continued)

4 Physical environment

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

Present condition: No streams or rivers nearby

Potential impact (e.g. threat of pollution): No potential impact

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

Present condition: Rocky and sandy

Potential impact (e.g. of erosion): NO POTENTIAL IMPACT

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

Present condition: Mountains and ridges and valleys in area

Potential impact (e.g. of erosion): NO POTENTIAL IMPACT

Comments/mitigating measures:

KEEP GATES CLOSED, DO NOT LET MAKE USE OF MOBILE TOILETS.

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Annex B (continued)

5 Natural environment

5.1 Flora:

indigenous

protected

exotic

OTHER

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

NO RARE TREES IN AREA
NO PERMITS REQUIRED

Potential impact (e.g. permit applications)

5.2 Fauna:

mammals

birds

OTHER

Brief description and conservation status:

NO PROTECTED SPECIES MAMMALS
IN AREA

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

NO POTENTIAL IMPACT

Comments/mitigating measures:

DO NOT LITTER AND KEEP
GATES CLOSED

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

RESIDENTIAL AREA (VILLAGES)

Annex B

(continued)

Potential impact e.g. threat of encroachment, etc. *No POTENTIAL IMPACT*

6.2 Visual aesthetics: easily seen

hidden

partially

Brief description

*EFFECTIVE PROTECT AREA
HARD POWER LINES*

Potential impact

No POTENTIAL VISUAL IMPACT

6.3 Natural heritage:

cultural

significance

objects

archaeological

meteorites

ruins

monuments

palaeontological

objects

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

No NATURAL HERITAGE SITES

Comments/mitigating measures

KEEP AREA CLEAR

7 Economic environment

7.1 Land use:

crops

orchards

grazing

game farming

forestry areas

mining

crop spraying

OTHER

Brief description

CROPS AT SOME PARTS

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ENVIRONMENTAL IMPACT ASSESSMENT FOR DISTRIBUTION ACTIVITIES

Unique Identifier: 240-72597722
Revision: 1
Page: 23 of 70

Annex B
(continued)

Potential impact: *No POTENTIAL IMPACT*

7.1.1 Commercial: factories shops OTHER

Brief description: *No SHOPS NEARBY*

Potential impact: *No POTENTIAL IMPACT*

7.1.2 Infrastructure: roads railways communications power lines air fields

Brief description: *GRAVEL ROADS SEWAGE LINES*

Potential impact: *No POTENTIAL IMPACT*

Comments/mitigating measures:

*MAKE USE OF EXISTING ACCESS
ROADS MAKE USE OF PORTABLE
TOILETS*

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ENVIRONMENTAL IMPACT ASSESSMENT FOR DISTRIBUTION ACTIVITIES

Unique Identifier: 240-72597722

Revision: 1

Page: 24 of 70

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

No impact 0 Medium impact 2 High impact 4

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 owners/ or users?

Yes
No

Detailed study

is an environmental assessment required in terms of Regulation R5437

Yes
No

Should a permit application be made to DWA?

Yes
No

Should the SAHRA be notified?

Yes
No

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