

ENVIRONMENTAL IMPACT ASSESSMENT FOR DISTRIBUTION ACTIVITIES

Unique Identifier: 240-72597722

Revision: 1

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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

I have seen the completed document and accept the

recommendations made

Assessors

Form completed by

in consultation with:

N. Nkosi

Signature:

[Signature]

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

Land Owner (CHIEF)

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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Annex B
 (continued)

1 Project description

Project name/Survey: EMA ELEC
 Request: EMA ELEC
 Project number: 239
 Rural scheme/Feeder: RGT 17/24/19
 Supply from: (scheme name, pole numbers for tee-off)
 Supply to: CAITHNESS 239 IT
 (Farm name, etc.)

2 Properties traversed

Farm name: CAITHNESS
 Registration number and Division: 239
 Completion number: 2830 BD
 Line length (m): 7.69525
 Farm name: CAITHNESS
 Registration number and Division: IT
 Completion number: 2830 BD
 Line length (m): 7.69525
 Sub-division: IT
 Farm name: CAITHNESS
 Registration number and Division: IT
 Completion number: 2830 BD
 Line length (m): 7.69525
 Sub-division: IT
 Farm name: CAITHNESS
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 Completion number: 2830 BD
 Line length (m): 7.69525
 Sub-division: IT
 Farm name: CAITHNESS
 Registration number and Division: IT
 Completion number: 2830 BD
 Line length (m): 7.69525
 Sub-division: IT

3 Brief description of the surrounding area

THIS IS A ELECTRIFICATION PROJECT FOR EHA SCOTTS SANDY AND ROCKY SOME BUSH CLEARING NEEDED RIDGES AND VALLEYS IN THE AREA ITS AN 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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4 Physical environment

4.1 Water: streams rivers dams wetlands springs floodplains OTHER

Present condition: NO STREAMS NEARBY

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

4.2 Soil: sandy rocky clayey OTHER

Present condition: SANDY AND ROCKY

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

4.3 Topography mountains ridges hills valleys ravines dongas OTHER

Present condition: RIDGES AND VALLEYS

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

Comments/mitigating measures: KEEP AREA CLEAN 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, protected, etc., mention trees/bush/grass) NO PACE 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 MAMMALS IN AREA

Potential impact (e.g. threat of electrocution, collision, etc.) NO POTENTIAL IMPACT

Comments/mitigating measures: DON'T LITTER IN AREA KEEP GATES CLOSED

6 Social environment

6.1 Restricted areas:

nature/game reserves hiking trails tourism routes parks recreational areas green belts sacred/holy grounds OTHER

Brief description: RESTRICTIONAL AREA (VILLAGE)

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

6.2 Visual aesthetics: easily seen

hidden

partially

Brief description

OVER HEAD POWER LINES

Potential impact

VISUAL IMPACT

6.3 Natural heritage:

cultural

significance

archaeological

objects

monuments

ruins

meteorites

graves

palaeontological

objects

OTHER

Potential impact

NO HERITAGE SITES

Comments/mitigating measures

NO POTENTIAL IMPACT

7 Economic environment

7.1 Land use:

crops

orchards

grazing

crop spraying

game farming

forestry areas

mining

OTHER

Brief description

CROPS AND GRAZING

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Potential impact: *No POTENTIAL IMPACT*

7.1.1 Commercial: factories shops OTHER

Brief description: *No SHOPS IN AREA*

Potential impact: *No POTENTIAL IMPACT*

7.1.2 Infrastructure: roads railways communications power lines air fields

Brief description: *LOWER ROADS AND 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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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	Medium impact	High impact
0	2	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 R543?

Yes No

Should a permit application be made to DWA?

Yes No

Should the SAHRA be notified?

Yes No

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