

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)

[Signature]
.....
30/04/2014



Accepted by Land Owner/s/Users

[Signature]
.....

I have seen the completed document and accept the
recommendations made

Assessor/s

Form completed by *LUDERE T.H.* Signature: *[Signature]*

in consultation with: *M.J. MAHLU BENGWANE* Signature: *[Signature]*

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

DATE COMPLETED: *30th APRIL 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.

Annex B
(continued)

1 Project description

Project name/Survey
Request DAY BREAK PROPERTY Area SIYABUSWA
Project number WE114877129 File number
Rural scheme/
Feeder Amandla Kullisriver Voltage
Supply from Am-69/97/1
(scheme name, pole numbers for tee-off)
Supply to DAY BREAK PROPERTY
(Farm name, etc.)

2 Properties traversed

Farm name WACKRAAL 35 JS
Registration number and Division 6/35 Sub-division 6
Compilation number 2529 AA S 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

project is at SIYABUSWA next to road
R577 from Swagsfontein

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.

Annex B
(continued)

4 Physical environment

4.1 Water: streams rivers dams wetlands springs floodplains OTHER *None*

Present condition: *good*

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): *No Threat*

4.2 Soil: *sandy* rocky clayey OTHER

Present condition: *good*

Potential impact (e.g. of erosion) *No impact*

4.3 Topography mountains ridges hills valleys ravines dongas OTHER *Flat*

Present condition: *good*

Potential impact (e.g. of erosion) *No impact*

Comments/mitigating measures:

No comments

DOCUMENT CLASSIFICATION: CONTROLLED DISCLOSURE
ENVIRONMENTAL IMPACT ASSESSMENT FOR
DISTRIBUTION ACTIVITIES

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Page: 4 of 8

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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)

grass

Potential impact (e.g. permit applications) NO permit

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) NO threat

Comments/mitigating

measures:

NO COMMENTS

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 WALKRAAL Residential area

Annex B
(continued)

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

6.2 Visual aesthetics: easily seen hidden partially

Brief description *power line can be easily seen*

Potential impact *NO impact*

6.3 Natural heritage: cultural significance archaeological objects monuments palaeontological objects graves meteorites ruins OTHER *None*

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 impact*

Comments/mitigating measures
NO comments

7 Economic environment

7.1 Land use: crops orchards grazing crop spraying
game farming forestry areas mining OTHER *None*

Brief description *Residential area*

Annex B
(continued)

Potential impact *No impact*

7.1.1 Commercial: factories shops OTHER *None*

Brief description *Restoration area*

Potential impact *No impact*

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

Brief description: *Road R573*

Potential impact *No impact*

Comments/mitigating measures:

No comments

Annex B
(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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