

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

Assessor/s

Form completed by

Signature:

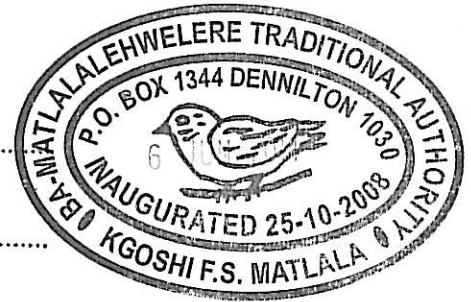
in consultation with: J. JANE MICHAELI. Signature:

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

DEPT. MANAGER

DATE COMPLETED:

06/06/2014



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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1 Project description

Project name/Survey
Request SEKHUKHUNE MUNIC. Area GIAMATLALA LEHWELERI
Project number WE 106445533B. File number
Rural scheme/
Feeder KUILS RIVIER Voltage 22KV
Supply from AMK 196/7.
(scheme name, pole numbers for tee-off)
Supply to 1 KUILS RIVIER 31 JS
(Farm name, etc.)

2 Properties traversed

Farm name KUILS RIVIER
Registration number and Division 31 JS Sub-division 3
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

THIS PROJECT SUPPLY THE BORE HOLE IN KUILS RIVIER
VILLAGE FOR DRINKING WATER.

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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4 Physical environment

4.1 Water: streams rivers dams wetlands springs floodplains OTHER

Present condition: NONE OF THE ABOVE

Note: No pege 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

4.2 Soil: sandy rocky clayey OTHER

Present condition: COMBINATION OF THE ABOVE

Potential impact (e.g. of erosion) NONE

4.3 Topography mountains ridges hills valleys ravines dongas OTHER

Present condition: FIAT AREA

Potential impact (e.g. of erosion) NONE

Comments/mitigating measures:

NONE TO TALK ABOUT. FIAT SOIL
with one MARULA tree ± 10M FROM LINE

DOCUMENT CLASSIFICATION: CONTROLLED DISCLOSURE
ENVIRONMENTAL IMPACT ASSESSMENT FOR
DISTRIBUTION ACTIVITIES

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Page: 4 of 8

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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)

..... MARULA Tree

Potential impact (e.g. permit applications) NO

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)

..... NONE OF THE ABOVE MENTIONED ANIMALS

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

Comments/mitigating measures:
.....
..... N/A

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 MATLALA LEHWELERI VILLAGE

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

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

Brief description hidden in bushes

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 None

Comments/mitigating measures

None of the ABOVE.

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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Potential impact NONE

7.1.1 Commercial: factories shops OTHER

Brief description SPAZA / TUCK SHOPS

Potential impact NONE

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

Brief description: ... BASIC HUMAN need INFRASTRUCTURE

Potential impact NONE

Comments/mitigating measures:
.....
..... N/A

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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 _____