
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 KA'INGO PRIVATE RESERVE NO 1 PTY LTD

I have seen the completed document and accept the
recommendations made X

Assessor/s

Form completed by A. Neethling Signature: 

in consultation with : J Willemse Signature: X

CAPACITY (e.g. land owner, specialist): Director, Kaingo Private Reserve No 1 Pty Ltd X

DATE COMPLETED: 3 August 2021 X

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
Request KA'INGO PRIVATE RESERVE NO 1 PTY LTD Area VAALWATER
Project number RWW440155170 File number
Rural scheme/
Feeder BULGEREVIER Voltage 22KV
Supply from VARIOUS
(scheme name, pole numbers for tee-off)
Supply to VARIOUS
(Farm name, etc.)

2 Properties traversed

Farm name DWALHOEK
Registration number and Division 158 KQ Sub-division 1
Compilation number 2427BB Line length (m)
Farm name MOKOLO RIVER PRIVATE NATURE RESERVE
Registration number and Division 660KQ Sub-division 0
Compilation number 2427BB Line length/Site area (m²)

3 Brief description of the surrounding area

NATURE RESERVE, ROCKY SOIL, FLAT AREA, SMALL TREES AND BUSHES, GIRAFFES AND
ELEPHANTS PRESENT, RIVER CROSSING

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: MOKOLO RIVER

Potential impact (e.g. threat of pollution):
CROSS RIVER

4.2 Soil: sandy rocky clayey OTHER

Present condition: ROCKY SOIL

Potential impact (e.g. of erosion) NONE

4.3 Topography mountains ridges hills valleys ravines dongas OTHER

Present condition: FLAT AREA

Potential impact (e.g. of erosion) NONE

Comments/mitigating measures:
RIVER CROSSING: USE TALLER POLES

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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)
RAASBLAAR AND KAMEELDORING TREES, SMALL TREES AND BUSHES

Potential impact (e.g. permit applications) BUSHCLEARANCE NEEDED, NO PROTECTED TREES
AFFECTED

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)
ELEPHANTS AND GIRAFFES PRESENT, MANY BIRDS PRESENT

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

Comments/mitigating measures:

USE TALLER BIRD FRIENDLY STRUCTURES AND BIRD FLAPPERS

6 Social environment

6.1 Restricted areas: nature/game reserves hiking trails tourism routes parks recreational areas

Residential- green belts sacred/holy grounds OTHER
areas

Brief description ENTIRE PROJECT IN NATURE RESERVE

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Potential impact *N/A*

7.1.1 Commercial: factories shops OTHER

Brief description *NONE*

Potential impact *NONE*

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

Brief description: *EXISTING POWERLINE AND GRAVEL ROAD*

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Potential impact *NONE*

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Comments/mitigating measures:

NONE

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(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



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 _____