

DOCUMENT CLASSIFICATION: CONTROLLED DISCLOSURE

ENVIRONMENTAL IMPACT ASSESSMENT FOR
DISTRIBUTION ACTIVITIES

Unique Identifier: 34-926

Type: DPC

Revision: DRAFT 0A

Page: 1 of 8

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 *P.Begindenhorst*.....

I have seen the completed document and accept the
recommendations made

Form completed by *ALEX Nhlawulo* Signature *ANH*.....
Assessor's

in consultation with: *P.W. Begindenhorst*: Signature: *P.Begindenhorst*.

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

DATE COMPLETED: *27-03-2014*.....

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 P. BEZUIDENHOUT. LPU Area GREYLINGSTAD ,

Project number B.S.102566709 File number

Rural scheme/

Feeder GREYLINGSTAD -VAN KOLD- Voltage ESKOP 1 11 KV ,

Supply from GVKK 75/16 .

(scheme name, pole numbers for tee-off)

Supply to WITPOORT. S45 TR.

(Farm name, etc.)

2 Properties traversed

Farm name WITPOORT.

Registration number and Division S45 Sub-division S.R.

Compilation number 2628 DB (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 SUPPLIES A DAM. FOR IRRIGATION OF LAND.
 IN GREYLINGSTAD ± 10KM. FROM TOWN TOWARD PAUL
 ON THE GRAVEL ROAD.

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: ± 100% FVII seasonal wetlands. ENVIRONMENT TO DECIDE.

Note: No page 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: Dry, rocky and Grayey soil and wet to some places.

Potential impact (e.g. of erosion) ...NONE...

4.3 Topography mountains ridges hills valleys ravines dongas OTHER

Present condition: ± 4Km.

Potential impact (e.g. of erosion) ...NONE...

Comments/mitigating measures:

JB:

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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)
..... NONE of the above mentioned trees

Potential impact (e.g. permit applications)

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 only pigeons.

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

..... NONE.

Comments/mitigating

measures:

/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 FARM HOUSES.

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

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

Brief description *Partially see*.....

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
N/A.....

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 None to the above

Potential impact None

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

Brief description: Dismantled ESKOM LINE: And new
Pipe line lay out.

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

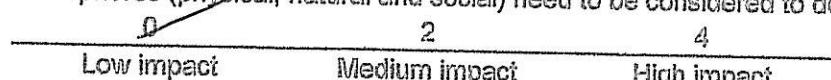
Low impact (0) Medium impact (2) High impact (4)

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.



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