



environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

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NEAS Reference: DEA/EIA/0001132/2012

DEA Reference: 14/12/16/3/3/2/317

Enquiries: Matthodi Mogorosi

Telephone: 012-395-1779 **Fax:** 012-320-7539 **E-mail:** mmogorosi@environment.gov.za

Ms Mmamoloko Seabe
Eskom Holdings SoC Limited
P.O. Box 1091
JOHANNESBURG
2000

Fax no: 011-800-3917

PER FACSIMILE / MAIL

Dear Ms Seabe

APPLICATION FOR ENVIRONMENTAL AUTHORISATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998: GN R. 543/544/545/546: PROPOSED CONSTRUCTION OF A 400kV TABOR-BOKMAKIRIE (NZHELELE) POWERLINE AND FOUR (4) 250MVA 400kV/132kV NZHELELE MAIN TRANSMISSION STATIONS, WITHIN THE MAKHADO LOCAL MUNICIPALITY, LIMPOPO PROVINCE

With reference to the above application, please be advised that the Department has decided to grant authorisation. The environmental authorisation (EA) and reasons for the decision are attached herewith.

In terms of regulation 10(2) of the Environmental Impact Assessment Regulations, 2010 (the Regulations), you are instructed to notify all registered interested and affected parties, in writing and within 12 (twelve) days of the date of the EA, of the Department's decision in respect of your application as well as the provisions regarding the submission of appeals that are contained in the Regulations.

Your attention is drawn to Chapter 7 of the Regulations, which prescribes the appeal procedure to be followed. This procedure is summarised in the attached document. Kindly include a copy of this document with the letter of notification to interested and affected parties.

Should the applicant or any other party wish to appeal any aspect of the decision a notice of intention to appeal must be lodged by all prospective appellants with the Minister, within 20 days of the date of the EA, by means of one of the following methods:

By facsimile: 0123207561;

By post: Private Bag X447,
Pretoria, 0001; or

By hand: 2nd Floor, Fedsure Building, North Tower,
Cnr. Lilian Ngoyi (Van der Walt) and Pretorius Streets,
Pretoria.

If the applicant wishes to lodge an appeal, it must also serve a copy of the notice of intention to appeal on all registered interested and affected parties as well as a notice indicating where, and for what period, the appeal submission will be available for inspection, should you intend to submit an appeal.

Please include the Department (*Attention: Director: Integrated Environmental Authorisations*) in the list of interested and affected parties, notified through your notification letter to interested and affected parties, for record purposes.

Appeals must be submitted in writing to:

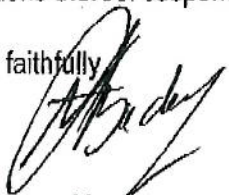
Mr Z Hassam Director: Appeals and Legal Review, of this Department at the above mentioned addresses or fax number. Mr Hassam can also be contacted at:

Tel: 012-310-3271

Email: AppealsDirectorate@environment.gov.za

The authorised activity must not commence within twenty (20) days of the date of signature of the authorisation. Further, please note that the Minister may, on receipt of appeals against the authorisation or conditions thereof suspend the authorisation pending the outcome of the appeals procedure.

Yours faithfully



Mr Ishaam Abader

Deputy Director-General: Legal, Authorisations, Compliance and Enforcement

Department of Environmental Affairs

Date:

24/06/2014

CC:	Mr F van der Kooy	Lidwala Consulting Engineers (SA) (Pty) Ltd	Tel: 0861-543-9252	Fax: 086-680-7758
	Mr V Mthombeni	Limpopo Department of Economic Development, Environment & Tourism	Tel: 015-290-7057	Fax: 015-295-5015
	Mr A Tshikalange	Makhado Local Municipality	Tel: 015-519-3178	Fax: 015-516-1195
	Mr T Zwane	Appeals Authority (DEA)	Tel: 012-310-3929	Fax: 012-320-7561
	Mr S Malaza	Compliance Monitoring (DEA)	Tel: 012-310-3397	Fax: 012-320-5744

APPEALS PROCEDURE IN TERMS OF CHAPTER 7 OF THE NEMA EIA REGULATIONS, 2010 (THE REGULATIONS) AS PER GN R. 543 OF 2010 TO BE FOLLOWED BY THE APPLICANT AND INTERESTED AND AFFECTED PARTIES UPON RECEIPT OF NOTIFICATION OF AN ENVIRONMENTAL AUTHORISATION (EA)

APPLICANT	INTERESTED AND AFFECTED PARTIES (IAPs)
1. Receive EA from the relevant Competent Authority (the Department of Environmental Affairs [DEA]).	1. Receive EA from Applicant/Consultant.
2. Within 12 days of date of the EA notify all IAPs of the EA and draw their attention to their right to appeal against the EA in terms of Chapter 7 of the Regulations.	2. N/A.
3. If you want to appeal against the EA, submit a notice of intention to appeal within 20 days of the date of the EA with the Minister of Water and Environmental Affairs (the Minister).	3. If you want to appeal against the EA, submit a notice of intention to appeal within 20 days of the date of the EA, with the Minister of Water and Environmental Affairs (the Minister).
4. After having submitted your notice of intention to appeal to the Minister, provide each registered IAP with a copy of the notice of intention to appeal within 10 days of lodging the notice.	4. After having submitted your notice of intention to appeal to the Minister, provide the applicant with a copy of the notice of intention to appeal within 10 days of lodging the notice.
5. The Applicant must also serve on each IAP: <ul style="list-style-type: none"> • a notice indicating where and for what period the appeal submission will be available for inspection. 	5. Appellant must also serve on the Applicant within 10 days of lodging the notice, <ul style="list-style-type: none"> • a notice indicating where and for what period the appeal submission will be available for inspection by the applicant.
6. The appeal must be submitted in writing to the Minister within 30 days after the lapsing of the period of 20 days provided for the lodging of the notice of intention to appeal.	6. The appeal must be submitted to the Minister within 30 days after the lapsing of the period of 20 days provided for the lodging of the notice of intention to appeal.
7. Any IAP who received a notice of intention to appeal may submit a responding statement to that appeal to the Minister within 30 days from the date that the appeal submission was lodged with the Minister.	7. An Applicant who received notice of intention to may submit a responding statement to the appeal to the Minister within 30 days from the date that the appeal submission was lodged with the Minister.

NOTES:

1. An appeal against a decision must be lodged with:-

- a) the Minister of Water and Environmental Affairs if the decision was issued by the Director- General of the Department of Environmental Affairs (or another official) acting in his/ her capacity as the delegated Competent Authority;
- b) the Minister of Justice and Constitutional Development if the applicant is the Department of Water Affairs and the decision was issued by the Director- General of the Department of Environmental Affairs (or another official) acting in his/ her capacity as the delegated Competent Authority;

2. An appeal lodged with:-

- a) the Minister of Water and Environmental Affairs must be submitted to the Department of Environmental Affairs;
- b) the Minister of Justice and Constitutional Development must be submitted to the Department of Environmental Affairs;

3. An appeal must be:-

- a) submitted in writing;
- b) accompanied by:
 - a statement setting out the grounds of appeal;
 - supporting documentation which is referred to in the appeal; and
 - a statement that the appellant has complied with regulation 62 (2) or (3) together with copies of the notices referred to in regulation 62.



environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

Environmental Authorisation

In terms of regulation 36 of the Environmental Impact Assessment Regulations, 2010

Construction of a 400kV Tabor-Bokmakirie (Nzhelele) powerline and four (4) 250MVA
400kV/132kV Nzhelele transformers, within the Makhado Local Municipality, Limpopo Province

Vhembe District Municipality

Authorisation register number:	14/12/16/3/3/2/317
NEAS reference number:	DEA/EIA/0001132/2013
Last amended:	First issue
Holder of authorisation:	ESKOM HOLDINGS SOC LIMITED
Location of activity:	LIMPOPO PROVINCE: Within Makhado Local Municipality

This authorisation does not negate the holder of the authorisation's responsibility to comply with any other statutory requirements that may be applicable to the undertaking of the activity.

Decision

The Department is satisfied, on the basis of information available to it and subject to compliance with the conditions of this environmental authorisation, that the applicant should be authorised to undertake the activities specified below.

Non-compliance with a condition of this authorisation may result in criminal prosecution or other actions provided for in the National Environmental Management Act, 1998 and the EIA regulations.

Details regarding the basis on which the Department reached this decision are set out in Annexure 1.

Activities authorised

By virtue of the powers conferred on it by the National Environmental Management Act, 1998 (Act No.107 of 1998) and the Environmental Impact Assessment Regulations, 2010 the Department hereby authorises –

ESKOM HOLDINGS SOC LIMITED

(Hereafter referred to as the holder of the authorisation)

with the following contact details –

Ms. M Seabe

Eskom Holdings SoC Limited

P.O. Box 1091

JOHANNESBURG

2000

Tel: (011) 800 2345


Fax: (011) 800 3917

Cell: (082) 801 3911

E-mail: SeabeM@eskom.co.za



to undertake the following activities (hereafter referred to as "the activity") indicated in Listing Notices 1, 2 & 3 (GN R. 544, 545 & 546):

Listed activities	Activity/Project description
<p><u>GN R. 544 Item 38:</u> <i>The expansion of facilities for the transmission and distribution of electricity where the expanded capacity will exceed 275 kilovolts and the development footprint will increase.</i></p>	<p>The Bokmakirie (Nzhelele) Substation will be increased to enable the construction of four (4) 250MVA transformers. This will require an additional area of 23 hectares.</p>
<p><u>GN R. 545 Item 8:</u> <i>The construction of facilities or infrastructure for the transmission and distribution of electricity with a capacity of 275 kilovolts or more, outside an urban area or industrial complex.</i></p>	<p>The proposed powerline from Tabor Substation to Bokmakirie (Nzhelele) Substation has a capacity of 400kV.</p>
<p><u>GN R. 545 Item 15:</u> <i>Physical alteration of undeveloped, vacant or derelict land for residential, retail, commercial, recreational, industrial or institutional use where the total area to be transformed is 20 hectares or more; except where such physical alteration takes place for:</i> <i>(i) linear development activities</i></p>	<p>The increase of the Bokmakirie (Nzhelele) Substation site to accommodate four (4) 250MVA transformers will require an additional area of 23 hectares.</p>
<p><u>GN R. 546 Item 3:</u> <i>The construction of masts or towers of any material or type used for telecommunication broadcasting or radio transmission purposes where the mast –</i> <i>(a) is to be placed on a site not previously used for this purpose, and</i> <i>(b) will exceed 15 metres in height,</i> <i>but excluding attachments to existing buildings and masts on rooftops.</i> <i>(a) In Limpopo</i></p>	<p>The construction of a 50m mast for telecommunication purposes.</p> 

Listed activities	Activity/Project description
(ii) Outside urban areas.	
<u>GN R. 546 Item 4:</u> The construction of a road wider than 4 metres with a reserve less than 13, 5 metres. (a) In Limpopo ii. Outside urban areas	An access road with a width of more than 4 metres may be constructed through the Farms Clydesdale and Vlakfontein for construction and maintenance purposes.

as described in the Environmental Impact Report (EIR) dated June 2013 at:

Co-ordinates for the location of the Tabor Substation:

Alternative S1	Latitude	Longitude
	23°22'19.67" S	29°46'59.26" E

Co-ordinates for the location of the Bokmakirie (Nzhelele) Substation:

Alternative S1	Latitude	Longitude
	22°39'21.60" S	29°56'16.80" E

Co-ordinates for the 400kV powerline from Tabor Substation to Bokmakirie (Nzhelele) Substation:

Alternative S1	Latitude	Longitude
Starting point of the activity	23°22'19.67" S	29°46'59.26" E
Middle point of the activity	22°57'46.89" S	29°57'34.33" E
End point of the activity	22°39'21.60" S	29°56'16.80" E

- for the construction of a 400kV Tabor-Bokmakirie (Nzhelele) powerline and four (4) 250MVA 400kV/132kV Nzhelele transformers on Farm Scott 567MS Portion 2, within the Makhado Local Municipality, Limpopo Province, hereafter referred to as "the property". The farm portions to be traversed by the approved powerline route are attached as Annexure 2.

The infrastructure associated with the project will include the following:

- Establishment of 1 x 100km 400kV powerline between Tabor and Bokmakirie (Nzhelele) Substations;
- Increase the authorised Bokmakirie 02 hectares Substation site footprint by an additional 23 hectares, called Nzhelele to enable Transmission to construct the following:
 - 4 X 250MVA 400KV/132KV transformers and associated infrastructure, including:
 - Terrace the Nzhelele 400kV yard for and end-state of 4x 400kV feeder bays;
 - Terrace the Nzhelele 132kV yard for and end-state of 8x 132kV feeder bays;
and
 - Establish the control building, telecommunication infrastructure, and oil dam.

Conditions of this Environmental Authorisation

Scope of authorisation

1. The combination of route corridors indicated as Alternatives 1, 1a, 1b and 2 for the powerline; and the site indicated as Farm Scott 567MS Portion 2 for the construction of the four transformers is approved.
2. Authorisation of the activity is subject to the conditions contained in this authorisation, which form part of the environmental authorisation and are binding on the holder of the authorisation.
3. The holder of the authorisation is responsible for ensuring compliance with the conditions contained in this environmental authorisation. This includes any person acting on the holder's behalf, including but not limited to, an agent, servant, contractor, sub-contractor, employee, consultant or person rendering a service to the holder of the authorisation.
4. The activities authorised may only be carried out at the property and along the routes as described above.
5. Any changes to, or deviations from, the project description set out in this environmental authorisation must be approved, in writing, by the Department before such changes or deviations may be effected. In assessing whether to grant such approval or not, the Department may request such information as it deems necessary to evaluate the significance and impacts of such changes or deviations and it may be necessary for the holder of the authorisation to apply for further environmental authorisation in terms of the regulations.



6. This activity must commence within a period of five (05) years from the date of issue of this environmental authorisation. If commencement of the activity does not occur within that period, the authorisation lapses and a new application for environmental authorisation must be made in order for the activity to be undertaken.
7. Commencement with one activity listed in terms of this environmental authorisation constitutes commencement of all authorised activities.
8. The holder of the authorisation must notify the competent authority of any alienation, transfer and change of ownership rights in the properties along which the activity is to take place.
9. An appeal under section 43 of the National Environmental Management Act (NEMA), Act No.107 of 1998 (as amended), does not suspend an environmental authorisation or exemption, or any provisions or conditions attached thereto, or any directive, unless the Minister, MEC or delegated organ of state directs otherwise.
10. Should you be notified by the Minister of a suspension of the environmental authorisation pending appeal procedures, you may not commence with the authorised activity until such time that the Minister allows you to commence with such an activity in writing.

Notification of authorisation and right to appeal

11. The holder of the authorisation must notify every registered interested and affected party, in writing and within 12 (twelve) calendar days of the date of this environmental authorisation, of the decision to authorise the activity.
12. The notification referred to must –
 - 12.1. specify the date on which the authorisation was issued;
 - 12.2. inform the interested and affected party of the appeal procedure provided for in Chapter 7 of the Environmental Impact Assessment Regulations, 2010;
 - 12.3. advise the interested and affected party that a copy of the environmental authorisation will be furnished on request; and
 - 12.4. give the reasons of the competent authority for the decision.
13. The holder of the authorisation must publish a notice –
 - 13.1. informing interested and affected parties of the decision;
 - 13.2. informing interested and affected parties where the decision can be accessed; and
 - 13.3. drawing the attention of interested and affected parties to the fact that an appeal may be lodged against this decision in the newspaper(s) contemplated and used in terms of

regulation 54(2)(c) and (d) and which newspaper was used for the placing of advertisements as part of the public participation process.

Management of the activity

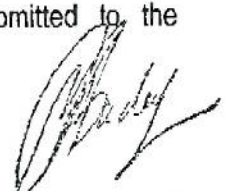
14. The Environmental Management Programme (EMPr) submitted as part of the Application for environmental authorisation is hereby approved. This approved EMPr must be implemented and adhered to.
15. All requirements for the management of impacts for all phases of the activities must be as specified in the approved EMPr.

Monitoring

16. The holder of the authorisation must appoint an experienced Environmental Control Officer (ECO) for the construction phase of the development that will have the responsibility to ensure that the mitigation/rehabilitation measures and recommendations referred to in this environmental authorisation are implemented and to ensure compliance with the provisions of the approved EMPr.
 - 16.1. The ECO must be appointed before commencement of any authorised activities, including site preparation.
 - 16.2. Once appointed, the name and contact details of the ECO must be submitted to the *Director: Compliance Monitoring* of the Department.
 - 16.3. The ECO must keep record of all activities on site, problems identified, transgressions noted and a task schedule of tasks undertaken by the ECO.
 - 16.4. The ECO must remain employed until all rehabilitation measures, as required for implementation due to construction damage, are completed and the site is ready for operation.

Recording and reporting to the Department

17. All documentation e.g. audit/monitoring/compliance reports and notifications, required to be submitted to the Department in terms of this authorisation, must be submitted to the *Director: Compliance Monitoring* of the Department.



18. The holder of the authorisation must submit an environmental audit report to the Department within 30 days of completion of the construction phase (i.e. within 30 days of site handover) and within 30 days of completion of rehabilitation activities.
19. The environmental audit report must indicate the date of the audit, the name of the auditor and the outcome of the audit in terms of compliance with the environmental authorisation conditions as well as the requirements of the approved EMPr.
20. Records relating to monitoring and auditing must be kept on site and made available for inspection to any relevant and competent authority in respect of this development.

Commencement of the activity

21. The authorised activity may not commence within twenty (20) days of the date of signature of the environmental authorisation.

Notification to authorities

22. Not less than fourteen (14) days written notice must be given to the Department that the activity will commence. Commencement for the purposes of this condition includes site preparation. The notice must include a date on which it is anticipated that the activity will commence, as well as a reference number. This notification period may coincide with the notice of intent to appeal period.

Operation of the activity

23. Not less than fourteen (14) days written notice must be given to the Department that the activity operational phase will commence.

Site closure and decommissioning

24. Should the activity ever cease or become redundant, the holder of the authorisation must undertake the required actions as prescribed by legislation at the time and comply with all relevant legal requirements administered by any relevant and competent authority at that time.



Specific conditions

25. No activities requiring a Water Use Licence will be allowed to encroach into a water resource without a Water Use Licence being in place from the Department of Water Affairs.
26. Anti-collision devices such as bird flappers must be installed where the powerline crosses avifaunal corridors, as recommended by the avifaunal specialist. The input of an avifaunal specialist must be obtained for the fitting of the anti-collision devices onto specific sections of the line once the exact positions of the towers have been surveyed and pegged.
27. A botanist must be appointed to perform a final walkthrough of the alignment to identify sensitive plant species.
28. A permit must be obtained from the relevant nature conservation agency for the removal or destruction of indigenous, protected or endangered plant and animal species.
29. No exotic plants may be used for rehabilitation purposes. Only indigenous plants found within a 10 kilometre radius of the development route may be utilised.
30. Vegetation clearing must be kept to an absolute minimum. Mitigation measures must be implemented to reduce the risk of erosion and the invasion of alien species.
31. Construction must include design measures that allow surface and subsurface movement of water along drainage lines so as not to impede natural surface and subsurface flows. Drainage measures must promote the dissipation of storm water run-off.
32. An integrated waste management approach must be implemented that is based on waste minimisation and must incorporate reduction, recycling, re-use and disposal where appropriate. Any solid waste must be disposed of at a landfill licensed in terms of section 20 (b) of the National Environment Management Waste Act, 2008 (Act 59 of 2008).
33. If any archaeological material (e.g. fossils, bones, artefacts etc.) is found during excavation, all construction activities must cease immediately, and SAHRA or an archaeologist or palaeontologist must be alerted immediately.

General

34. A copy of this environmental authorisation and the approved EMPr must be kept at the property where the activity will be undertaken. The environmental authorisation and approved EMPr must be produced to any authorised official of the Department who requests to see it and must be made available for inspection by any employee or agent of the holder of the authorisation who undertakes work at the location.

35. The holder of the authorisation must notify both the *Director: Integrated Environmental Authorisations* and the *Director: Compliance Monitoring* of the Department, in writing and within 48 (forty eight) hours, if any condition of this authorisation cannot be or is not adhered to. Any notification in terms of this condition must be accompanied by reasons for the non-compliance.
36. National government, provincial government, local authorities or committees appointed in terms of the conditions of this authorisation or any other public authority must not be held responsible for any damages or losses suffered by the applicant or his successor in title in any instance where construction or operation subsequent to construction be temporarily or permanently stopped for reasons of non-compliance by the applicant with the conditions of authorisation as set out in this document or any other subsequent document emanating from these conditions of authorisation.

Date of environmental authorisation: 24 JUNE 2014

Mr Ishaam Abader

Deputy Director-General: Legal, Authorisations, Compliance & Enforcement

Department of Environmental Affairs

Annexure 1: Reasons for Decision

1. Information considered in making the decision

In reaching its decision, the Department took, *inter alia*, the following into consideration -

- a) The information contained in the EIR dated June 2013;
- b) The comments received from the Limpopo Department of Economic Development, Environment & Tourism, organs of state and interested and affected parties as included in the EIR dated June 2013;
- c) Mitigation measures as proposed in the EIR dated June 2013 and the EMPr;
- d) The information contained in the specialist studies contained within Appendices J-O of the EIR; and
- e) The objectives and requirements of relevant legislation, policies and guidelines, including section 2 of the National Environmental Management Act, 1998 (Act No. 107 of 1998).

2. Key factors considered in making the decision

All information presented to the Department was taken into account in the Department's consideration of the application. A summary of the issues which, in the Department's view, were of the most significance is set out below.

- a) A sufficient public participation process was undertaken and the applicant has satisfied the minimum requirements as prescribed in the EIA Regulations, 2010 for public involvement.
- b) Details provided of the qualification of the Environmental Assessment Practitioner (EAP).
- c) The need and desirability of the proposed development.
- d) Description of the environment that may be affected by the activity and the manner in which the physical, biological, social, economic and cultural aspects of the environment may be affected by the proposed activity.
- e) Relevant legislation, guidelines and policies considered in the undertaking of the Environmental Impact Assessment process.
- f) Identification of impacts and the methodology used in assessing those impacts.



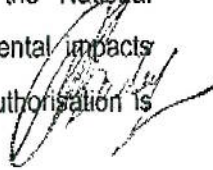
- g) The recommendation by specialists of the powerline route alternatives from which minimum environmental impacts are anticipated.
- h) The additional information dated 24 April 2014 clarifying the link between the already authorised Bokmakirie Substation site and the expansion of that site to accommodate an additional four transformers forming part of this environmental authorisation.

3. Findings

After consideration of the information and factors listed above, the Department made the following findings -

- a) The need and desirability for the proposed development was clearly defined.
- b) The EIR dated June 2013 adequately describes the environment that may be affected by the activity and the manner in which the physical, biological, social and cultural aspects of the environment may be affected by the proposed activity.
- c) The identification and assessment of impacts are detailed in the EIR dated June 2013 and sufficient assessment of the key identified issues and impacts have been completed.
- d) Relevant specialist studies were conducted. The study has assessed specific impacts and recommended adequate mitigation measures.
- e) The procedure followed for impact assessment is adequate for the decision-making process.
- f) The proposed mitigation of impacts identified and assessed adequately curtails the identified impacts.
- g) Public participation was undertaken and the applicant has satisfied the minimum requirements as prescribed in the EIA Regulations, 2010 for public involvement.
- h) EMPr measures for the pre-construction; construction and rehabilitation phases of the development were proposed and included in the EIR dated June 2013 and will be implemented to manage the identified environmental impacts during the construction process.

In view of the above, the Department is satisfied that, subject to compliance with the conditions contained in the environmental authorisation, the proposed activity will not conflict with the general objectives of integrated environmental management laid down in Chapter 5 of the National Environmental Management Act, 1998 and that any potentially detrimental environmental impacts resulting from the activity can be mitigated to acceptable levels. The environmental authorisation is accordingly granted.



Annexure 2

FARM PORTIONS TO BE TRAVERSED BY THE APPROVED POWERLINE ROUTE

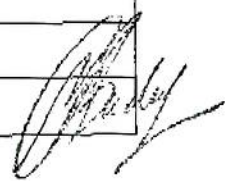
Alternative	Farm No	Portion	Farm Name
Alternative 1 (Tab-Nzh1)	701	R	Woodlands 701 MS
Alternative 1 (Tab-Nzh1)	381	2	381 LS
Alternative 1 (Tab-Nzh1)	391	1	391 LS
Alternative 1 (Tab-Nzh1)	319	R	Bankop 319
Alternative 1 (Tab-Nzh1)	650	R	Bekaf 650 MS
Alternative 1 (Tab-Nzh1)	379	R	Beschuitkuil 379
Alternative 1 (Tab-Nzh1)	575	R	Buxton 575 MS
Alternative 1 (Tab-Nzh1)	800	2	Clydesdale 800
Alternative 1 (Tab-Nzh1)	800	4	Clydesdale 800 MS
Alternative 1 (Tab-Nzh1)	800	6	Clydesdale 800 MS
Alternative 1 (Tab-Nzh1)	417	R	Driekloof 417 LS
Alternative 1 (Tab-Nzh1)	770	R	Fenton 770
Alternative 1 (Tab-Nzh1)	726	R	Franzhoek 726 MS
Alternative 1 (Tab-Nzh1)	282	2	Groblersplaats 282 LS
Alternative 1 (Tab-Nzh1)	581	1	Groot Endaba 581 MS
Alternative 1 (Tab-Nzh1)	741	R	Jack Brown 741 MS
Alternative 1 (Tab-Nzh1)	473	R	Joppa 473 LS
Alternative 1 (Tab-Nzh1)	647	R	Juliana 647 MS
Alternative 1 (Tab-Nzh1)	415	R	Kameelkuil 415 LS
Alternative 1 (Tab-Nzh1)	415	1	Kameelkuil 415 LS
Alternative 1 (Tab-Nzh1)	313	R	Mampakuil 313 LS
Alternative 1 (Tab-Nzh1)	313	1	Mampakuil 313 LS
Alternative 1 (Tab-Nzh1)	732	R	Marius 732 MS
Alternative 1 (Tab-Nzh1)	714	R	Masequa 714 MS
Alternative 1 (Tab-Nzh1)	314	R	Melkhoukopjes 314 LS
Alternative 1 (Tab-Nzh1)	728	R	Mooiplaats 728 MS

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 Environmental Authorisation Reg. No. 14/12/16/3/3/2/317
 NEAS Reference Number: DEA/EIA/0001132/2013

Alternative 1 (Tab-Nzh1)	280	1	Mow Cop 280 LS
Alternative 1 (Tab-Nzh1)	280	2	Mow Cop 280 LS
Alternative 1 (Tab-Nzh1)	280	R	Mow Cop 280 LS
Alternative 1 (Tab-Nzh1)	318	6	Oog van Doornrivier 318 LS
Alternative 1 (Tab-Nzh1)	318	9	Oog van Doornrivier 318 LS
Alternative 1 (Tab-Nzh1)	318	4	Oog van Doornrivier 318 LS
Alternative 1 (Tab-Nzh1)	318	5	Oog van Doornrivier 318 LS
Alternative 1 (Tab-Nzh1)	318	8	Oog van Doornrivier 318 LS
Alternative 1 (Tab-Nzh1)	586	R	Oom Jan 586 MS
Alternative 1 (Tab-Nzh1)	713	R	Overwinning 713 MS
Alternative 1 (Tab-Nzh1)	637	R	Rissik 637 MS
Alternative 1 (Tab-Nzh1)	567	R	Scott 567 MS
Alternative 1 (Tab-Nzh1)	807	R	Sunnyside 807 MS
Alternative 1 (Tab-Nzh1)	806	R	Vlakfontein 806 MS
Alternative 1 (Tab-Nzh1)	285	47	Vondeling 285
Alternative 1 (Tab-Nzh1)	285	18	Vondeling 285
Alternative 1 (Tab-Nzh1)	285	26	Vondeling 285
Alternative 1 (Tab-Nzh1)	285	10	Vondeling 285
Alternative 1 (Tab-Nzh1)	285	12	Vondeling 285
Alternative 1 (Tab-Nzh1)	285	30	Vondeling 285
Alternative 1 (Tab-Nzh1)	285	R	Vondeling 285
Alternative 1 (Tab-Nzh1)	285	1	Vondeling 285
Alternative 1 (Tab-Nzh1)	285	2	Vondeling 285
Alternative 1 (Tab-Nzh1)	285	37	Vondeling 285
Alternative 1 (Tab-Nzh1)	285	42	Vondeling 285
Alternative 1 (Tab-Nzh1)	285	45	Vondeling 285
Alternative 1 (Tab-Nzh1)	285	R	Vondeling 285
Alternative 1 (Tab-Nzh1)	285	70	Vondeling 285 LS
Alternative 1 (Tab-Nzh1)	285	71	Vondeling 285 LS
Alternative 1 (Tab-Nzh1)	418	R	Vryheid 418 LS
Alternative 1 (Tab-Nzh1)	286	R	Vygeboomspruit 286 LS
Alternative 1 (Tab-Nzh1)	727	1	Wallace Dale 727 MS

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Alternative 1 (Tab-Nzh1)	727	R	Wallace Dale 727 MS
Alternative 1 (Tab-Nzh1)	401	R	Water Pan 401 LS
Alternative 1 (Tab-Nzh1)	649	R	Windhoek 649 MS
Alternative 1a (Tab-Nzh 1a)	575	R	Buxton 575 MS
Alternative 1a (Tab-Nzh 1a)	578	R	Fanie 578 MS
Alternative 1a (Tab-Nzh 1a)	581	1	Groot Endaba 581 MS
Alternative 1a (Tab-Nzh 1a)	647	R	Juliana 647 MS
Alternative 1a (Tab-Nzh 1a)	586	R	Oom Jan 586 MS
Alternative 1a (Tab-Nzh 1a)	640	R	Phantom 640
Alternative 1a (Tab-Nzh 1a)	637	R	Rissik 637 MS
Alternative 1a (Tab-Nzh 1a)	567	R	Scott 567 MS
Alternative 1b (Tab-Nzh 1b)	288	7	Bergvliet 288 LS
Alternative 1b (Tab-Nzh 1b)	280	1	Mow Cop 280 LS
Alternative 1b (Tab-Nzh 1b)	287	34	Rondebosch 287
Alternative 1b (Tab-Nzh 1b)	287	3	Rondebosch 287
Alternative 1b (Tab-Nzh 1b)	287	8	Rondebosch 287
Alternative 1b (Tab-Nzh 1b)	287	14	Rondebosch 287
Alternative 1b (Tab-Nzh 1b)	287	19	Rondebosch 287
Alternative 1b (Tab-Nzh 1b)	287	33	Rondebosch 287
Alternative 1b (Tab-Nzh 1b)	287	34	Rondebosch 287
Alternative 1b (Tab-Nzh 1b)	287	40	Rondebosch 287
Alternative 1b (Tab-Nzh 1b)	285	20	Vondeling 285
Alternative 1b (Tab-Nzh 1b)	285	6	Vondeling 285
Alternative 1b (Tab-Nzh 1b)	285	44	Vondeling 285
Alternative 1b (Tab-Nzh 1b)	286	R	Vygeboomspruit 286 LS
Alternative 2 (Tab-Nzh 2)	291	R	291 LS
Alternative 2 (Tab-Nzh 2)	416	R	Bandelierkop 416 LS
Alternative 2 (Tab-Nzh 2)	320	3	Brakspruit 320 LS
Alternative 2 (Tab-Nzh 2)	320	22	Brakspruit 320 LS



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Alternative 2 (Tab-Nzh 2)	312	1	Gaaroskraal 312 LS
Alternative 2 (Tab-Nzh 2)	312	3	Gaaroskraal 312 LS
Alternative 2 (Tab-Nzh 2)	473	R	Joppa 473 LS
Alternative 2 (Tab-Nzh 2)	289	2	Ledig 289 LS
Alternative 2 (Tab-Nzh 2)	287	34	Rondebosch 287
Alternative 2 (Tab-Nzh 2)	287	48	Rondebosch 287
Alternative 2 (Tab-Nzh 2)	287	49	Rondebosch 287
Alternative 2 (Tab-Nzh 2)	287	60	Rondebosch 287
Alternative 2 (Tab-Nzh 2)	287	61	Rondebosch 287
Alternative 2 (Tab-Nzh 2)	287	84	Rondebosch 287
Alternative 2 (Tab-Nzh 2)	287	85	Rondebosch 287
Alternative 2 (Tab-Nzh 2)	287	50	Rondebosch 287
Alternative 2 (Tab-Nzh 2)	287	52	Rondebosch 287
Alternative 2 (Tab-Nzh 2)	287	58	Rondebosch 287
Alternative 2 (Tab-Nzh 2)	287	59	Rondebosch 287
Alternative 2 (Tab-Nzh 2)	287	62	Rondebosch 287
Alternative 2 (Tab-Nzh 2)	322	R	Tweeputkoppies 322 LS
Alternative 2 (Tab-Nzh 2)	322	1	Tweeputkoppies 322 LS
Alternative 2 (Tab-Nzh 2)	418	R	Vryheid 418 LS
Alternative 2 (Tab-Nzh 2)	372	1	Waagkraal 372 LS
Alternative 2 (Tab-Nzh 2)	372	2	Waagkraal 372 LS
Alternative 2 (Tab-Nzh 2)	373	R	Wegkruip 373 LS
Alternative 2 (Tab-Nzh 2)	373	4	Wegkruip 373 LS
Alternative 2 (Tab-Nzh 2)	374	R	Zonderwater 374 LS

