

APPENDIX

D COMMENTS



PAGE 1 OF 2

Our Ref: HM/ CENTRAL KAROO/ LAINGSBURG/ KARREEBOSCH/ MULTIPLE FARMS
Case No.: 22080301NK0803E
Enquiries: Natalie Kendrick
E-mail: Stakeholder details redacted as per POPIA requirements
Tel: Stakeholder details redacted as per POPIA requirements



Stakeholder details redacted as per POPIA requirements

RESPONSE TO NOTIFICATION OF INTENT TO DEVELOP: HIA REQUIRED
In terms of Section 38(8) of the National Heritage Resources Act (Act 25 of 1999) and the Western Cape Provincial Gazette 6061, Notice 298 of 2003

NOTIFICATION OF INTENT TO DEVELOP: PROPOSED KARREEBOSCH OVERHEAD POWERLINE AND SUBSTATION, MULTIPLE FARMS, LAINGSBURG AND KAROO HOOGLAND, SUBMITTED IN TERMS OF SECTION 38(1) OF THE NATIONAL HERITAGE RESOURCES ACT (ACT 25 OF 1999)

The matter above has reference.

Heritage Western Cape is in receipt of your application for the above matter received. This matter was discussed at the Heritage Officers Meeting held on the 22 August 2022.

You are hereby notified that, since there is reason to believe that the proposed Karreebosch Overhead Powerline and Substation, Multiple Farms, Laingsburg and Karoo Hoogland will impact on heritage resources, HWC requires that a Heritage Impact Assessment (HIA) that satisfies the provisions of Section 38(3) of the NHRA be submitted. Section 38(3) of the NHRA provides

(3) *The responsible heritage resources authority must specify the information to be provided in a report required in terms of subsection (2)(a): **Provided that the following must be included:***

- (a) *The identification and mapping of all heritage resources in the area affected;*
- (b) *an assessment of the significance of such resources in terms of the heritage assessment criteria set out in section 6(2) or prescribed under section 7;*
- (c) *an assessment of the impact of the development on such heritage resources;*
- (d) *an evaluation of the impact of the development on heritage resources relative to the sustainable social and economic benefits to be derived from the development;*
- (e) *the results of consultation with communities affected by the proposed development and other interested parties regarding the impact of the development on heritage resources;*
- (f) *if heritage resources will be adversely affected by the proposed development, The consideration of alternatives; and*
- (g) *plans for mitigation of any adverse effects during and after the completion of the proposed development.*

(Our emphasis)

This HIA must in addition have specific reference to the following:

- Archaeological Impact Assessment
- Visual Impact Assessment

www.westerncape.gov.za/cas

Street Address: Protea Assurance Building, Green Market Square, Cape Town, 8000 • **Postal Address:** P.O. Box 1665, Cape Town, 8000
• **Tel:** +27 (0)21 483 5959 • **E-mail:** ceoheritage@westerncape.gov.za

Straatadres: Protea Assuransie-gebou, Groentemarkplein, Kaapstad, 8000 • **Posadres:** Posbus 1665, Kaapstad, 8000
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Case No.: 22080301NK0803E
Enquiries: Natalie Kendrick
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Tel:

The HIA must have an overall assessment of the impacts to heritage resources which are not limited to the specific studies referenced above.

The required HIA must have an integrated set of recommendations.

The comments of relevant registered conservation bodies; all Interested and Affected parties; and the relevant Municipality must be requested and included in the HIA where provided. Proof of these requests must be supplied.

Please note, should you require the HIA to be submitted as a Phased HIA, a written request must be submitted to HWC prior to submission. HWC reserves the right to determine whether a phased HIA is acceptable on a case-by-case basis.

If applicable, applicants are strongly advised to review and adhere to the time limits contained the Standard Operational Procedure (SOP) between DEADP and HWC. The SOP can be found using the following link <http://www.hwc.org.za/node/293>

Kindly take note of the HWC meeting dates and associated agenda closure date in order to ensure that comments are provided within as Reasonable time and that these times are factored into the project timeframes.

HWC reserves the right to request additional information as required.
Should you have any further queries, please contact the official above and quote the case number.



.....
Nuraan Vallie
Acting Deputy Director



www.westerncape.gov.za/cas

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Govender, Megan

From: Stakeholder details redacted as per POPIA requirements
Sent: Monday, 05 September 2022 13:22
To: Govender, Megan
Subject: I&AP for Karreebosch

Hi Megan

I trust all is well!

Please will you add me as an I&AP for the Karreebosch OHPL.

Kind regards

JESSICA ELS | ASSISTANT PROJECT MANAGER

Stakeholder details redacted as per POPIA requirements

Govender, Megan

From: Govender, Megan
Sent: Tuesday, 06 September 2022 09:39
To: Stakeholder details redacted as per POPIA requirements
Subject: RE: I&AP for Karreebosch

Hi Jess

I hope you well.

I can confirm that you have been added to the database for Karreebosch.

Kind Regards,



Megan Govender
Senior Consultant

Stakeholder details redacted as per POPIA requirements

From: Stakeholder details redacted as per POPIA requirements
Sent: Monday, 05 September 2022 13:22
To: Govender, Megan <Megan.Govender@wsp.com>
Subject: I&AP for Karreebosch

Hi Megan

I trust all is well!

Please will you add me as an I&AP for the Karreebosch OHPL.

Kind regards

JESSICA ELS | ASSISTANT PROJECT MANAGER

Stakeholder details redacted as per POPIA requirements

PAGE 1 OF 2

Our Ref: HM/ CENTRAL KAROO/ LAINGSBURG/ KARREEBOSCH/
REMAINDER 188 WILGEBOSCH RIVIER, PTN 2 FARM EKKRAAL (NUWEKRAAL),
REMAINDER PTN 1 FARM 198 KLIPBANKSFONTEIN,
REMAINDER PTN 1 FARM 73 BON ESPIRANGE, FARM 197 RIETFONTEIN,
REMAINDER PTN 1 FARM 199 EKKRAAL (NUWEKRAAL) AND
PTN 2 FARM 210 STANDVASTIGHEID

Case No.: 21102218AM1022E

Enquiries: Ayanda Mdludlu

E-mail:

Tel:

Stakeholder details redacted as per POPIA requirements

Stakeholder details redacted as per POPIA requirements



FINAL DECISION
In terms of Section 38(8) of the National Heritage Resources Act (Act 25 of 1999) and the Western Cape
Provincial Gazette 6061, Notice 298 of 2003

HERITAGE IMPACT ASSESSMENT: PROPOSED CONSTRUCTION OF 123KV POWERLINE AND SUBSTATION ON VARIOUS FARMS IN KARREEBOSCH, SUBMITTED IN TERMS OF SECTION 38(8) OF THE NATIONAL HERITAGE RESOURCES ACT (ACT 25 OF 1999)

CASE NUMBER: 21102218AM1022E

The matter above has reference.

This matter was discussed at the Heritage Officers' Meeting (HOMs) meeting held on 5 September 2022 whereby the Committee approved the HIA by CTS Heritage dated August 2022 for recommendations on page 50.

FINAL DECISION:

The Committee endorsed the heritage impact assessment and associated documents tabled, dated August 2022 prepared by CTS Heritage as well as the recommendations on page 50 as follows:

There is no objection to the proposed development of the Karreebosch OHL and onsite substation in terms of impacts to heritage resources and there is no preferred alternative for the OHL route or onsite substation on condition that:

- Should OHL Alternative 1B be developed, a walkdown of final alignment must be conducted by a palaeontologist with an approved workplan for the collection of sensitive fossil resources that are at risk.
- The attached Chance Fossil Finds Procedure must be implemented throughout the construction phase of the development.
- The mitigation measures proposed in section 9 of the VIA are implemented.
- Should any buried archaeological resources or burials be uncovered during the course of development activities, work must cease in the vicinity of these finds. The relevant heritage authority (the South African Heritage Resources Agency (SAHRA) in the Northern Cape and Heritage Western Cape (HWC) in the Western Cape) must be contacted immediately in order to determine an appropriate way forward.

The Committee has no further requirements.

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Our Ref: HM/ CENTRAL KAROO/ LAINGSBURG/ KARREEBOSCH/
REMAINDER 188 WILGEBOSCH RIVIER, PTN 2 FARM EKKRAAL (NUWEKRAAL),
REMAINDER PTN 1 FARM 198 KLIPBANKSFONTEIN,
REMAINDER PTN 1 FARM 73 BON ESPIRANGE, FARM 197 RIETFONTEIN,
REMAINDER PTN 1 FARM 199 EKKRAAL (NUWEKRAAL) AND
PTN 2 FARM 210 STANDVASTIGHEID

Case No.: 21102218AM1022E

Enquiries: Ayanda Mdludlu

E-mail: Stakeholder details redacted as per POPIA requirements

Tel:

Stakeholder details redacted as per POPIA requirements

HWC reserves the right to request additional information as required.
Should you have any further queries, please contact the official above and quote the case number.

Yours faithfully



.....
Colette Scheermeyer
Deputy Director



Govender, Megan

From: Strong, Ashlea
Sent: Thursday, 15 September 2022 16:55
To: Stakeholder details redacted as per POPIA requirements
Cc: Selwyn Bowers (SS)
Subject: RE: [C] [I] NOTICE OF THE PROPOSED AMENDMENT OF THE EA FOR THE 140MW KARREEBOSCH WEF (REF: 14/12/16/3/3/2/807/AM3) AND THE AMENDED EMPr AND FINAL LAYOUT

Attachments: Turbine Layout (40).kml; 33kV OHL southern substation.kml; Access Roads.kml; 2022-06-27_Karreebosch 132kV routing with alternatives.kml

Dear Stefan

Attached please find the relevant kmz files as requested.

Kind regards



Ashlea Strong
Principal Associate

Stakeholder details redacted as per POPIA requirements

From: Stefan Geldenhuys (S) Stakeholder details redacted as per POPIA requirements
Sent: Thursday, 08 September 2022 07:00
To: Strong, Ashlea <Ashlea.Strong@wsp.com>
Cc: Selwyn Bowers (SS) Stakeholder details redacted as per POPIA requirements
Subject: RE: [C] [I] NOTICE OF THE PROPOSED AMENDMENT OF THE EA FOR THE 140MW KARREEBOSCH WEF (REF: 14/12/16/3/3/2/807/AM3) AND THE AMENDED EMPr AND FINAL LAYOUT

Good morning

Please send the coordinates and all detail for me to do the wayleave. I'll indicate if our plant, Copper or Optic Fibre, would be affected by your proposed construction.

Send responds to Stakeholder details redacted as per POPIA requirements

Regards

Stefan Geldenhuys



Building Cabling & Design &
RFO Co-ordinator

Stakeholder details redacted as per POPIA requirements

Govender, Megan

From: Stefan Geldenhuys (S)
Sent: Friday, 16 September 2016
To: Govender, Megan
Subject: [C] 14/12/16/3/3/2/807/AM3 NEW 140MW WIND FARM, KARREEBOSCH, SUTHERLAND AREA
Attachments: Powerfile - Not Affected Stefan G.pdf; Front Sheets.pdf; WWIP_WSUD3472_22.pdf

Stakeholder details redacted as per POPIA requirements

Good day

Please find attached your approved Openserve wayleave.

Please note: Our area representative as listed on the wayleave **should be contacted at least 48 hours prior to commencement of construction** in order to show services out on site, as our services on the attached plan(s) are **APPROXIMATE ONLY**.

Please note, wayleave applications will NOT be accepted by this mailbox. Please send all wayleave requests to wayleaveswr@telkom.co.za

Please ensure that the Openserve service plan(s) are printed in colour (if applicable) and on the correct page size as indicated in the bottom right corner, in order to ensure that services can be seen clearly.

Thanks.

Stefan Geldenhuys



Building Cabling & Design &
RFO Co-ordinator

Stakeholder details redacted as per POPIA requirements

This message has been classified as: **Confidential**. The information contained herein is meant for the sole use of authorised Telkom SA SOC Ltd personnel and its clients or partners as included in this message, and should not be disclosed to any unauthorised persons.

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<http://www.telkom.co.za/TelkomEMailLegalNotice.PDF> ====



Division of Telkom SA SOC Ltd

10 Jan Smuts Drive
Pinelands
7404

Stefan Geldenhuys

Stakeholder details redacted as per POPIA requirements

Our Ref : WWIP_WSUD3472_22
Your Ref : 14/12/16/3/3/2/807/AM3

16 September 2022

Attention : Megan Govender
Karreebosch Wind Farm RF (Pty) Ltd
Building C
Knightsbridge
33 Sloane Street, Bryanston
2191
South Africa

Wayleave application : NEW 140MW WIND FARM, KARREEBOSCH, SUTHERLAND AREA

NO COPPER OR OPTIC FIBRE SERVICES AFFECTED

With reference to your letter received **07 September 2022**

Please notify this office immediately if you locate any Open Serve plant that was not indicated.

~~Please contact our representative~~

Stakeholder details redacted as per POPIA requirements

I hereby inform you that Open Serve approves the proposed work indicated on your drawing in principle. This approval is valid for **06 MONTHS ONLY**, after which reapplication must be made if the work has not been completed.

Any changes or deviations from the original planning during or prior to construction must immediately be communicated to this office.

As per supplied sketches it would appear as if OpenServe infrastructure **would not be affected**.

However, care should still be taken should it become evident that there is in fact OpenServe network present at the actual sites. Such lines should be treated in accordance with, and clearances stipulated in the

Occupational Health and Safety Act no 85 of 1993, Electrical Machinery Regulations 20 - Crossings, and Electrical Machinery Regulations 15 – Clearances of Power Lines. If the specifications could not be met, all deviation costs will be for the applicant's account. We also refer to Section 25 of the Electronic Communication Act 36 of 2005.

Please notify this office immediately if you locate any OpenServe plant not indicated.

It would be appreciated if this office can be notified within 30 days of completion of the construction work. Confirmation is required on completion of construction as per agreed requirements.

)

Should OpenServe infrastructure be damaged while work is undertaken, kindly contact our representative immediately.

All OpenServe rights remain reserved.

Yours faithfully



For Selwyn Bowers
Operations Manager
Wayleave Management: Western Region

PLANT NOT AFFECTED

If any plant not indicated exists and information or supervision is required please contact this office at least 48 hours before any work commences.

Stakeholder details redacted as per POPIA requirements

<u>Refence number</u>	<u>Marked Up</u>	<u>Date</u>
WWIP_WSUD3472_22	S Geldenhuys	16-Sep-22



Govender, Megan

From: Ephron Maradwa Stakeholder details redacted as per POPIA requirements
Sent: Wednesday, 14 September 2022 08:58
To: Strong, Ashlea
Cc: Zama Langa; EIAAdmin; Salome Mambane
Subject: 14/12/16/3/3/1/2608

Dear Ashlea

14/12/16/3/3/1/2608

ACKNOWLEDGEMENT OF RECEIPT OF THE APPLICATION AND DRAFT BASIC ASSESSMENT REPORT FOR ENVIRONMENTAL AUTHORISATION FOLLOWING A BASIC ASSESSMENT PROCESS FOR THE PROPOSED KARREBOSCH 132KV OVERHEAD POWERLINE (OHPL), 33/132KV SUBSTATION AND ASSOCIATED ROAD INFRASTRUCTURE WITHIN THE KAROO HOOGLAND LOCAL MUNICIPALITY AND THE LAINGSBURG LOCAL MUNICIPALITY IN THE NORTHERN CAPE PROVINCE AND WESTERN CAPE PROVINCE.

The Department confirms having received the Application and Draft Basic Assessment Report for Environmental Authorisation for the abovementioned project on 22 August 2022. You have submitted these documents to comply with the Environmental Impact Assessment (EIA) Regulations, 2014, as amended.

Kindly note that your application for Environmental Authorisation falls within the ambit of an application applied for in terms of Part 2 of Chapter 4 of the EIA Regulations, 2014, as amended. You are therefore referred to Regulation 19 of the EIA Regulations, 2014 as amended.

Please take note of Regulation 40(3) of the EIA Regulations, 2014, as amended, which states that potential Interested & Affected Parties, including the Competent Authority, may be provided with an opportunity to comment on reports and plans contemplated in Regulation 40(1) of the EIA Regulations, 2014, as amended, prior to the submission of an application but must be provided an opportunity to comment on such reports once an application has been submitted to the Competent Authority.

Note that in terms of Regulation 45 of the EIA Regulations, 2014, as amended, this application will lapse if the applicant fails to meet any of the time-frames prescribed in terms of these Regulations, unless an extension has been granted by the Department in terms of Regulation 3(7) of the EIA Regulations, 2014, as amended.

You are hereby reminded of Section 24F of the National Environmental Management Act, Act No. 107 of 1998, as amended, that no activity may commence prior to an Environmental Authorisation being granted by the Department.

Kindly quote the abovementioned reference number in any future correspondence in respect of the application.

EIA Applications

Integrated Environmental Authorisations
Department of Forestry, Fisheries and the Environment

Please note that this email is for the receipt and processing of online applications only, and is not monitored for responses. All queries must be directed to EIAAdmin@dffe.gov.za.

[You are advised that this mailbox has a 48 hour response time.](#)

Please note that this mailbox has a 5mb mail limit. No zip files are to be attached in any email.

Govender, Megan

From: Strong, Ashlea
Sent: Tuesday, 27 September 2022 08:47
To: Govender, Megan
Subject: FW: 14/12/16/3/3/1/2608
Attachments: 14-12-16-3-3-1-2608.pdf



Ashlea Strong
Principal Associate

Stakeholder details redacted as per POPIA requirements

From: Lydia Kutu
Sent: Tuesday, 20 September 2022 10:47

Stakeholder details redacted as per POPIA requirements

Stakeholder details redacted as per POPIA requirements

Subject: 14/12/16/3/3/1/2608

Good day.

Please find herein the attached letter for the above mentioned.

Please do not respond to this mailbox with any queries related to the decision been issued. All queries on the attached decision must be directed to official whose contact details is listed as enquiries.

I hope you find all in order.

Thank you.

Kind Regards,
Lydia Kutu
Integrated Environmental Authorisations:
Priority Infrastructure Developments

Stakeholder details redacted as per POPIA requirements

To God be the Glory!!!



forestry, fisheries & the environment

Department:
Forestry, Fisheries and the Environment
REPUBLIC OF SOUTH AFRICA

Private Bag X 447 · PRETORIA · 0001 · Environment House · 473 Steve Biko Road, Arcadia, · PRETORIA

DFFE Reference: 14/12/16/3/3/1/2608

Enquiries: Miss Chantell Mabusela

Stakeholder details redacted as per POPIA requirements

Ms Ashlea Strong
WSP Group Africa (Pty) Ltd
PO Box 98867
Sloane Park
BRYANSTON
2152

Tel: (011) 361 1392
E-Mail: Ashlea.strong@wsp.com

PER MAIL / E-MAIL

Dear Ms Strong

COMMENTS ON THE DRAFT BASIC ASSESSMENT REPORT FOR THE PROPOSED KARREEBOSCH 132KV OVERHEAD POWERLINE (OHPL), 33/132KV SUBSTATION AND ASSOCIATED ROAD INFRASTRUCTURE WITHIN THE KAROO HOOGLAND LOCAL MUNICIPALITY AND THE LAINGSBURG LOCAL MUNICIPALITY IN THE NORTHERN CAPE PROVINCE AND WESTERN CAPE PROVINCE

The Application for Environmental Authorisation and Draft Basic Assessment Report (BAR) dated August 2022 and received by the Department on 22 August 2022, refer.

Please be advised that in terms of GN R. 2313: ***Adoption of the standard for the development and expansion of powerlines and substation within identified geographical areas and the exclusion of this infrastructure from the requirements to obtain environmental authorisation:***

Paragraph 10 states as follows “An application for environmental authorisation for the activities contained in paragraph 5 of this Government Notice, submitted in terms of the EIA Regulations or Government Notice No. 113, which is pending on the date of coming into effect of the Standard and exclusion contemplated in this Notice, must be finalised in accordance with the procedures of the EIA Regulations or Government Notice No. 113, read with the EIA Regulations, **or may be withdrawn.**”

Should you decide not to withdraw the applications for environmental authorisation, and continue as per the requirements of the EIA Regulations, as amended, the department has the following comments on the draft BARs submitted for review:

(a) Public Participation Process

- i. The following information must be submitted with the final BAR:
 - a) A list of registered interested and affected parties as per Regulation 42 of the NEMA EIA Regulations, 2014, as amended;
 - b) Copies of all comments received during the draft BAR comment period; and
 - c) A comment and response report which contains all comments received and responses provided to all comments and issues raised during the public participation process for the draft BAR. Please note that comments received from this Department must also form part of the comment and response report.
- ii. Please ensure that all issues raised and comments received during the circulation of the draft BAR from registered I&APs and organs of state which have jurisdiction (including this **Department's Biodiversity and Conservation Section**) in respect of the proposed activity are adequately addressed in the final BAR.
- iii. Proof of correspondence with the various stakeholders must be included in the final BAR. Should you be unable to obtain comments, proof should be submitted to the Department of the attempts that were made to obtain comments. The Public Participation Process must be conducted in terms of Regulation 39, 40, 41, 42, 43 & 44 of the EIA Regulations 2014, as amended.

(b) Alternatives

- i. The Department noted that you have included different alternatives for substation as well as the powerline and you have indicated that the proposed project is within the Electricity Grid Infrastructure (EGI) corridor. In addition, the proposed powerline and substation triggers listed activity 11 of Listing Notice 1.
- ii. Please note that when applying for power lines which forms part of an EGI, no alternative routes for the power line and substation must be included in the report. Paragraph 5 of Government Notice (GN) No. 145 of Government Gazette (GG) 44191 of 26 February 2021 (GN 145), indicates that the applicant must submit a pre-negotiated route with the application for environmental authorisation. This therefore means that only one route (pegged route) and one substation location must be submitted with the application without any alternatives. It is the EAP/Applicant's responsibility to make sure all relevant GNs and GGs are considered, and all minimum requirements are met prior submission of BAR.
- iii. Based on the above, the submitted draft BAR must be amended to include the pre-negotiated route (pegged route) and substation for this project since it falls under the Electricity Grid Infrastructure (EGI) corridor.
- iv. An amended BAR which complies with Government Notice (GN) No. 145 of Government Gazette (GG) 44191 of 26 February 2021 (GN 145) must be subjected to second round of public participation process

(c) Layout & Sensitivity Maps

- i. The final BAR must provide coordinate points for the proposed development development (note that if the site has numerous bend points, at each bend point coordinates must be provided) as well as the start, middle and end point of all linear activities (such as access road and powerline).
- ii. A copy of the final layout map must be submitted with the final BAR. All available biodiversity information must be used in the finalisation of the layout map. Existing infrastructure must be used as far as possible, e.g. roads. The layout map must indicate the following:
 - a. The envisioned area for the infrastructure, i.e. placing of infrastructure and all associated infrastructure should be mapped at an appropriate scale.
 - b. The pre-negotiated route which indicates the location of each pylon.
 - c. All supporting onsite infrastructure required such as laydown areas, substation and roads etc.
 - d. All necessary details regarding all possible locations and sizes of the infrastructure.
 - e. All existing infrastructure on the site, especially internal road infrastructure.
 - f. The location of sensitive environmental features on site e.g. CBAs, heritage sites, wetlands, drainage lines etc. that will be affected.
 - g. Buffer areas; and, all "no-go" areas.
- iii. The above map must be overlain with a sensitivity map and a cumulative map which shows neighbouring renewable energy developments and existing grid infrastructure.
- iv. Google maps will not be accepted.

(d) Specialist Assessments

- i. Please include a table in the BARs summarising the specialist studies required by the Screening Tool, a column indicating whether these studies were conducted or not, and a column with motivation for any studies not conducted.
- ii. Specialist studies conducted must provide a detailed description of their methodology, as well as all other associated infrastructures that they have assessed and are recommending for the authorisation.
- iii. The specialist studies must also provide a detailed description of all limitations to their studies. All specialist studies must be conducted in the right season and providing that as a limitation, will not be accepted.
- iv. Should the appointed specialists specify contradicting recommendations, the EAP must clearly indicate the most reasonable recommendation and substantiate this with defensible reasons; and where necessary, include further expert advice.
- v. It is further brought to your attention that Procedures for the Assessment and Minimum Criteria for Reporting on identified Environmental Themes in terms of Sections 24(5)(a) and (h) and 44 of the National Environmental Management Act, 1998, when applying for Environmental Authorisation, which were promulgated in Government Notice No. 320 of 20 March 2020 (i.e. "the Protocols"), and in Government Notice No. 1150 of 30 October 2020 (i.e. protocols for terrestrial plant and animal species), have come into effect. Please note that specialist assessments must comply with these protocols.
- vi. As such, the Specialist Declaration of Interest forms must also indicate the scientific organisation registration/member number and status of registration/membership for each specialist. A valid SACNASP certificate must be submitted.
- vii. The Department has noted that some specialist studies conducted does not comply with requirement of protocols as identified by the Screening tool. These protocols requires that the Prior to commencing with a specialist assessment, the current use of the land and the environmental sensitivity of the site under consideration, identified by the screening tool, must be confirmed by undertaking a site sensitivity verification. Please ensure that the specialist studies or compliance statements submitted in the BAR include the Site Sensitivity Verification Report.
- viii. Summary and recommendations of all specialist studies conducted must be included in the BAR and EMPr.
- ix. Please ensure that the BAR indicate any recommendations of the EAP or specialists, which are to be included as conditions of authorisation, per Appendix 1(3)(1)(n).

General:

Please also ensure that the final BAR includes the period for which the Environmental Authorisation is required and the date on which the activity will be concluded as per Appendix 1(3)(1)(q) of the NEMA EIA Regulations, 2014, as amended.

The final BAR must comply with the content of BAR as indicated under Appendix 1 of the EIA Regulations 2014 as amended. Content of BAR as per Appendix 1 must be included in the BAR as table of content and it must show the sections or page numbers where all requirements has been addressed in the BAR.

You are further reminded to comply with Regulation 19(1)(a) of the NEMA EIA Regulations, 2014, as amended, which states that: *"Where basic assessment must be applied to an application, the applicant must, within 90 days of receipt of the application by the competent authority, submit to the competent authority –*
(a) a basic assessment report, inclusive of any specialist reports, an EMPr, a closure plan in the case of a closure activity and where the application is a mining application, the plans, report and calculations contemplated in the Financial Provisioning Regulations, which have been subjected to a public participation process of at least 30 days and which reflects the incorporation of comments received, including any comments of the competent authority"

Should there be significant changes or new information that has been added to the BAR or EMPr which changes or information was not contained in the reports or plans consulted on during the initial public participation process, you are required to comply with Regulation 19(b) of the NEMA EIA Regulations, 2014, as amended, which states: *“the applicant must, within 90 days of receipt of the application by the competent authority, submit to the competent authority – (b) a notification in writing that the documents contemplated in sub-regulation 1(a) will be submitted within 140 days of receipt of the application by the competent authority, as significant changes have been made or significant new information has been added to the documents which changes or information was not contained in the original documents consulted on during the initial public participation process contemplated in sub-regulation (1)(a) and that the revised documents will be subjected to another public participation process of at least 30 days.*

Should you fail to meet any of the timeframes stipulated in Regulation 19 of the NEMA EIA Regulations, 2014, as amended, your application will lapse.

You are hereby reminded of Section 24F of the National Environmental Management Act, Act No. 107 of 1998, as amended, that no activity may commence prior to an Environmental Authorisation being granted by the Department.

Yours sincerely



Ms Milicent Solomons

Acting Chief Director: Integrated Environmental Authorisations

Department of Forestry, Fisheries and the Environment

Signed by: Dr Danie Smit

Designation: Deputy Director: National Integrated Authorisation Projects

Date: 19/09/2022

CC:	Mr Killian Hageman	Karreebosch Wind Farm (RF) (Pty) Ltd	Stakeholder details redacted as per POPIA requirements
-----	--------------------	--------------------------------------	--

Govender, Megan

From: Tsholofelo Shalot Sekonko
Sent: Thursday, 25 August 2022
To: Strong, Ashlea
Cc: Portia Makitla; Mashudu Mudau
Subject: NOTICE OF THE PROPOSED AMENDMENT OF THE EA FOR THE 140MW KARREEBOSCH WEF (REF: 14/12/16/3/3/2/807/AM3) AND THE AMENDED EMPR AND FINAL LAYOUT

Stakeholder details redacted as per POPIA requirements

Dear Sir/Madam

DFFE Directorate: Biodiversity Conservation hereby acknowledge receipt of the invitation to review and comment on the project mentioned o the subject line. Kindly note that the project has been allocated to Mrs Makitla and Ms Mudau (Both copied on this email).

Please note: All Public Participation Process documents related to Biodiversity EIA review and any other Biodiversity EIA queries will be submitted to the Directorate: Biodiversity Conservation at Email: BCAdmin@environment.gov.za for attention of Mr Seoka Lekota

Regards,
Ms. Tsholofelo Sekonko
Intern:Biodiversity Mainstreaming EIA
Department of Forestry, Fisheries and the Environment
473 Steve Biko and Soutpansberg Streets
Pretoria

Stakeholder details redacted as per POPIA requirements

'Please consider the environment before you print this email' The processing of personal information by the Department of Forestry, Fisheries and the Environment is done lawfully and not excessive to the purpose of processing in compliance with the POPI Act, any codes of conduct issued by the Information Regulator in terms of the POPI Act and / or relevant legislation providing appropriate security safeguards for the processing of personal information of others.

Govender, Megan

From: Strong, Ashlea
Sent: Thursday, 22 September 2022 13:00
To: Portia Makitla
Subject: [Pending]RE: NOTICE OF THE PROPOSED AMENDMENT OF THE EA FOR THE 140MW KARREEBOSCH WEF (REF: 14/12/16/3/3/2/807/AM3) AND THE AMENDED EMPr AND FINAL LAYOUT

Hi Portia

Please find a wetransfer link for both the Part 2 application report and the OHPL BA report – not sure why the link isn't working:

Download link

<https://we.tl/t-zlcqvDRNCc>

Please confirm receipt and successful download

Kind regards



Ashlea Strong
Principal Associate

Stakeholder details redacted as per POPIA requirements

From: Stakeholder details redacted as per POPIA requirements

Sent: Thursday, 22 September 2022 10:51

To: Strong, Ashlea <Ashlea.Strong@wsp.com>

Subject: RE: NOTICE OF THE PROPOSED AMENDMENT OF THE EA FOR THE 140MW KARREEBOSCH WEF (REF: 14/12/16/3/3/2/807/AM3) AND THE AMENDED EMPr AND FINAL LAYOUT

Dear Ashlea

We don't have anything in our junk emails. The link requires the username and password.

Thanks & Regards



Ms. Mashienyane Portia Makitla
CBO: Biodiversity Mainstreaming & EIA
Department of Forestry, Fisheries and the Environment
Environment House
473 Steve Biko and Soutpansberg Streets
PRETORIA

Stakeholder details redacted as per POPIA requirements

Stakeholder details redacted as per POPIA requirements

Call Centre: 086 111 2468



forestry, fisheries
and the environment
Department:
Forestry, Fisheries and the Environment
REPUBLIC OF SOUTH AFRICA

From: Strong, Ashlea <Ashlea.Strong@wsp.com>

Sent: Wednesday, 21 September 2022 17:58

Stakeholder details redacted as per POPIA requirements

Subject: RE: NOTICE OF THE PROPOSED AMENDMENT OF THE EA FOR THE 140MW KARREEBOSCH WEF (REF: 14/12/16/3/3/2/807/AM3) AND THE AMENDED EMPr AND FINAL LAYOUT

Hi there

You should receive the passcode automatically – please check your “Junk mail” or “other” email folders.

If you don't come right please let me know.

Thanks

Ashlea



Ashlea Strong
Principal Associate

Stakeholder details redacted as per POPIA requirements

From: Portia Makitla - Stakeholder details redacted as per POPIA requirements

Sent: Wednesday, 21 September 2022 17:43

To: Strong, Ashlea <Ashlea.Strong@wsp.com>

Cc: BC Admin <bcadmin@dfpe.gov.za>

Subject: RE: NOTICE OF THE PROPOSED AMENDMENT OF THE EA FOR THE 140MW KARREEBOSCH WEF (REF: 14/12/16/3/3/2/807/AM3) AND THE AMENDED EMPr AND FINAL LAYOUT

Good day Ashlea

Kindly share the link with passcode.

Thanks & Regards 

Ms. Mashienyane Portia Makitla
CBO: Biodiversity Mainstreaming & EIA
Department of Forestry, Fisheries and the Environment
Environment House
473 Steve Biko and Soutpansberg Streets
PRETORIA

Stakeholder details redacted as per POPIA requirements

Stakeholder details redacted as per POPIA requirements

Call Centre: 086 111 2468



forestry, fisheries
and the environment
Department:
Forestry, Fisheries and the Environment
REPUBLIC OF SOUTH AFRICA

From: Strong, Ashlea <Ashlea.Strong@wsp.com>

Sent: Tuesday, 23 August 2022 11:05

To: Strong, Ashlea <Ashlea.Strong@wsp.com>

Cc: Govender, Megan <Megan.Govender@wsp.com>

Subject: NOTICE OF THE PROPOSED AMENDMENT OF THE EA FOR THE 140MW KARREEBOSCH WEF (REF: 14/12/16/3/3/2/807/AM3) AND THE AMENDED EMPr AND FINAL LAYOUT

Dear Commenting Authority

NOTICE OF THE PROPOSED AMENDMENT OF THE ENVIRONMENTAL AUTHORISATION FOR THE 140MW KARREEBOSCH WIND ENERGY FACILITY (REF: 14/12/16/3/3/2/807/AM3) AND THE AMENDED ENVIRONMENTAL MANAGEMENT PROGRAMME AND FINAL LAYOUT FOR THE KARREEBOSCH WIND ENERGY FACILITY (REF: 14/12/16/3/3/2/807/AM3)

Notice is given in terms of Regulation 32 (GNR 326) of the Environmental Impact Assessment (EIA) Regulations, 2014 as amended published under section 24 and 24D of the National Environmental Management Act (No. 107 of 1998) (NEMA) (as amended) for submission of application for an Amendment in terms of a Part 2 Amendment Process described in Regulation 31.

In addition, notice is given of the proposed submission of the final layout and Environmental Management Programme (EMPr) amendment for the Karreebosch Wind Energy Facility (WEF) in terms of Condition 16 and 18 of the Environmental Authorisation (EA).

Karreebosch Wind Farm RF (Pty) Ltd (the Applicant) applied for Environmental Authorisation (EA) for the proposed Karreebosch WEF in 2016. The Department of Environmental Affairs (DEA) (now known as the Department of Forestry, Fisheries and the Environment – DFFE) issued an EA on the 29 January 2016 (Ref No: 14/12/16/3/3/2/807) for the 140MW Karreebosch Wind Energy Facility (WEF). Amendments to this EA were issued on 10 June 2016 (Ref No: 14/12/16/3/3/2/807/AM1), 15 November 2018 (Ref No: 14/12/16/3/3/2/807/AM2) and 30 October 2019 (Ref No: 14/12/16/3/3/2/807/AM3). The proponent, Karreebosch Wind Farm RF (Pty) Ltd (Karreebosch), now wishes to further amend the above-mentioned EA to undertake substantive amendments which includes increasing the hub height and rotor diameter to up to 140 m and 170 m respectively. Other non-substantive amendments include increasing the generation capacity of the individual turbines from up to 5.5MW to up to 7.5MW, as well as administrative amendments (the entire scope of the amendment request is detailed in the amendment report). None of the amendments trigger new listed activities in terms of GNR 327, 325 and 324 of the EIA Regulations, 2014 (as amended). However, the proposed amendments will result in a change in scope of the valid EA. As such, a Regulation 31 Amendment Process in terms the EIA Regulations (GNR 326) of the EIA Regulations, 2014 as amended is applicable. The authorised Karreebosch WEF falls within the Karoo Hoogland Local Municipality, Namakwa District Municipality within the Northern Cape Province as well as the Laingsburg Local Municipality, Central Karoo District Municipality and the Witzenberg Local Municipality, Cape Winelands District Municipality within the Western Cape Province.

WSP Group Africa (Pty) Ltd (WSP) has been appointed as the independent and suitably qualified Environmental Assessment Practitioner (EAP) by Karreebosch, to manage and undertake the Part 2 Amendment process and to amend the EMPr. Parties wishing to formally register as interested and affected parties in order to receive more information and/ or raise their comment(s) on the project amendments, are requested to forward their full contact details to the EAP and disclose their direct business, financial, personal or other interest in the project. Any

comments on the proposed project may be submitted to the EAP via the details provided below. Registered interested and affected parties will be forwarded all future project related correspondence.

The Draft Amendment Report and amended EMPR and Final Layout are available from WSP on request and at the following links below for your review and comment for 30 days from **23 August 2022 – 23 September 2022**:

One Drive Link	<input type="checkbox"/> Karreebosch Public Review
One Drive Instruction	<ul style="list-style-type: none"> Please note that you will receive a separate email with the link to the one drive. This link will then request a verification number which will automatically be sent to your email address – if it doesn't seem to come through please check your "spam" folder
G7 Website	https://ppp.g7energies.com/KWEF6v78
Website Instructions	<ul style="list-style-type: none"> Create an account here https://ppp.g7energies.com Login and use the specific pathway above to view and/or download the documents

Kindly ensure that all comments on the proposed project or requests to be registered as an Interested and Affected Party are submitted to the contact details provided below, by 23 September 2022. Should you have any queries/comments, please do not hesitate to contact the EAP.

We look forward to your participation in this process and your meaningful contributions.

WSP Group Africa (Pty) Ltd
 Attention: Megan Govender
 (T) 011 361 1300
 (F) 011 361 1301
 (E) Megan.Govender@wsp.com

Kind regards



Ashlea Strong
 Principal Associate

Stakeholder details redacted as per POPIA requirements



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 Building C
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 33 Sloane Street, Bryanston
 2191 South Africa

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-LAEmHhHzdJzBITWfa4Hgs7pbKI

Govender, Megan

From: Strong, Ashlea
Sent: Thursday, 15 September 2022 16:53
To: MIEM Level2
Cc: Govender, Megan
Subject: RE: NOTICE OF THE PROPOSED AMENDMENT OF THE EA FOR THE 140MW KARREEBOSCH WEF (REF: 14/12/16/3/3/2/807/AM3) AND THE AMENDED EMPR AND FINAL LAYOUT

Attachments: 2022-06-27_Karreebosch 132kV routing with alternatives.kml; Turbine Layout (40).kml; 33kV OHL southern substation.kml; Access Roads.kml

Tracking:	Recipient	Delivery
	MIEM Level2	
	Govender, Megan	Delivered: 2022/09/15 16:54

Good Afternoon

Please find wetransfer links for the reports as requested:

Basic Assessment Report:

Download link

<https://we.tl/t-lxdUJtKfFu>

Part 2 Amendment and EMPR Amendment:

Download link

<https://we.tl/t-jD7Nxj3kWF>

Please confirm successful download.

Furthermore – the kmz files are attached as requested.

Kind regards



Ashlea Strong
Principal Associate

Stakeholder details redacted as per POPIA requirements

From: Stakeholder details redacted as per POPIA requirements

Sent: Wednesday, 31 August 2022 18:31

To: Strong, Ashlea <Ashlea.Strong@wsp.com>

Cc: Govender, Megan <Megan.Govender@wsp.com>

Subject: Re: NOTICE OF THE PROPOSED AMENDMENT OF THE EA FOR THE 140MW KARREEBOSCH WEF (REF: 14/12/16/3/3/2/807/AM3) AND THE AMENDED EMPR AND FINAL LAYOUT

Evening

Please take note, in order for this office to provide comments please include the relevant document supported by the kmz files.

Regards

Maj L.R. Kenny

On Tue, Aug 23, 2022 at 9:43 AM Strong, Ashlea <Ashlea.Strong@wsp.com> wrote:

Dear Stakeholder

NOTICE OF THE PROPOSED AMENDMENT OF THE ENVIRONMENTAL AUTHORISATION FOR THE 140MW KARREEBOSCH WIND ENERGY FACILITY (REF: 14/12/16/3/3/2/807/AM3) AND THE AMENDED ENVIRONMENTAL MANAGEMENT PROGRAMME AND FINAL LAYOUT FOR THE KARREEBOSCH WIND ENERGY FACILITY (REF: 14/12/16/3/3/2/807/AM3)

Notice is given in terms of Regulation 32 (GNR 326) of the Environmental Impact Assessment (EIA) Regulations, 2014 as amended published under section 24 and 24D of the National Environmental Management Act (No. 107 of 1998) (NEMA) (as amended) for submission of application for an Amendment in terms of a Part 2 Amendment Process described in Regulation 31.

In addition, notice is given of the proposed submission of the final layout and Environmental Management Programme (EMPr) amendment for the Karreebosch Wind Energy Facility (WEF) in terms of Condition 16 and 18 of the Environmental Authorisation (EA).

Karreebosch Wind Farm RF (Pty) Ltd (the Applicant) applied for Environmental Authorisation (EA) for the proposed Karreebosch WEF in 2016. The Department of Environmental Affairs (DEA) (now known as the Department of Forestry, Fisheries and the Environment – DFFE) issued an EA on the 29 January 2016 (Ref No: 14/12/16/3/3/2/807) for the 140MW Karreebosch Wind Energy Facility (WEF). Amendments to this EA were issued on 10 June 2016 (Ref No: 14/12/16/3/3/2/807/AM1), 15 November 2018 (Ref No: 14/12/16/3/3/2/807/AM2) and 30 October 2019 (Ref No: 14/12/16/3/3/2/807/AM3). The proponent, Karreebosch Wind Farm RF (Pty) Ltd (Karreebosch), now wishes to further amend the above-mentioned EA to undertake substantive amendments which includes increasing the hub height and rotor diameter to up to 140 m and 170 m respectively. Other non-substantive amendments include increasing the generation capacity of the individual turbines from up to 5.5MW to up to 7.5MW, as well as administrative amendments (the entire scope of the amendment request is detailed in the amendment report). None of the amendments trigger new listed activities in terms of GNR 327, 325 and 324 of the EIA Regulations, 2014 (as amended). However, the proposed amendments will result in a change in scope of the valid EA. As such, a Regulation 31 Amendment Process in terms the EIA Regulations (GNR 326) of the EIA Regulations, 2014 as amended is applicable. The authorised Karreebosch WEF falls within the Karoo Hoogland Local Municipality, Namakwa District Municipality within the Northern Cape Province as well as the Laingsburg Local Municipality, Central Karoo District Municipality and the Witzenberg Local Municipality, Cape Winelands District Municipality within the Western Cape Province.

WSP Group Africa (Pty) Ltd (WSP) has been appointed as the independent and suitably qualified Environmental Assessment Practitioner (EAP) by Karreebosch, to manage and undertake the Part 2 Amendment process and to amend the EMPr. Parties wishing to formally register as interested and affected parties in order to receive more information and/ or raise their comment(s) on the project amendments, are requested to forward their full contact details to the EAP and disclose their direct business, financial, personal or other interest in the project. Any comments on the proposed project may be submitted to the EAP via the details provided below. Registered interested and affected parties will be forwarded all future project related correspondence.

The Draft Amendment Report and amended EMPr and Final Layout are available from WSP on request and at the venues below for public review and comment for 30 days from **23 August 2022 – 23 September 2022:**

Area	Venue	Street Address	Contact No
Laingsburg	Laingsburg Public Library	Van Riebeeck Street, Laingsburg,	Tel: 023 551 1019
Sutherland	Sutherland Public Library	Sarel Celliers Street, Sutherland, 6920	Tel: 023 571 1429
G7 Website	https://ppp.g7energies.com/KWEF6v78		
Website Instructions	<ul style="list-style-type: none"> • Create an account here https://ppp.g7energies.com • Login and use the specific pathway above to view and/or download the documents 		

Kindly ensure that all comments on the proposed project or requests to be registered as an Interested and Affected Party are submitted to the contact details provided below, by 23 September 2022. Should you have any queries/comments, please do not hesitate to contact the EAP.

We look forward to your participation in this process and your meaningful contributions.

WSP Group Africa (Pty) Ltd

Attention: Megan Govender

(T) 011 361 1300

(F) 011 361 1301

(E) Megan.Govender@wsp.com

Kind regards



Ashlea Strong
Principal Associate

Stakeholder details redacted as per POPIA requirements



WSP in Africa
Building C
Knightsbridge
33 Sloane Street, Bryanston
2191 South Africa

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-LAEmHhHzdJzBITWfa4Hgs7pbKI

Govender, Megan

From: Strong, Ashlea
Sent: Thursday, 22 September 2022 13:00
To: Adri La Meyer
Cc: Govender, Megan
Subject: RE: NOTICE OF THE PROPOSED AMENDMENT OF THE EA FOR THE 140MW KARREEBOSCH WEF (REF: 14/12/16/3/3/2/807/AM3) AND THE AMENDED EMPr AND FINAL LAYOUT

Hi Adri

If I can receive the comments on the 26th – that will be fine

Thanks

Ashlea



Ashlea Strong
Principal Associate

Stakeholder details redacted as per POPIA requirements

From: Adri La Meyer Stakeholder details redacted as per POPIA requirements

Sent: Thursday, 22 September 2022 12:21

To: Strong, Ashlea <Ashlea.Strong@wsp.com>

Cc: Govender, Megan <Megan.Govender@wsp.com>

Subject: RE: NOTICE OF THE PROPOSED AMENDMENT OF THE EA FOR THE 140MW KARREEBOSCH WEF (REF: 14/12/16/3/3/2/807/AM3) AND THE AMENDED EMPr AND FINAL LAYOUT

Importance: High

Dear Ashlea,

I hope you are well.

The comments on the Draft BAR for the overhead powerline and EMPr amendment and final WEF layout refer. I know they are due tomorrow, but I need an extension until 26 September 2022 please!

Reason being that I have not yet received all comments from the components. I only have comments from Air Quality and Waste Management on the EMPr amendment/layout, and from Development Management on the powerline. I have no idea if I will get comments from the rest in time to submit it by tomorrow, so I would rather play it safe and request an extension please?

I sincerely apologise for this inconvenience and hope you would be able to assist please.

Kind regards,
Adri

From: Strong, Ashlea <Ashlea.Strong@wsp.com>

Sent: Tuesday, August 23, 2022 11:05

To: Strong, Ashlea <Ashlea.Strong@wsp.com>

Cc: Govender, Megan <Megan.Govender@wsp.com>

Subject: NOTICE OF THE PROPOSED AMENDMENT OF THE EA FOR THE 140MW KARREEBOSCH WEF (REF: 14/12/16/3/3/2/807/AM3) AND THE AMENDED EMPr AND FINAL LAYOUT

Dear Commenting Authority

NOTICE OF THE PROPOSED AMENDMENT OF THE ENVIRONMENTAL AUTHORISATION FOR THE 140MW KARREEBOSCH WIND ENERGY FACILITY (REF: 14/12/16/3/3/2/807/AM3) AND THE AMENDED ENVIRONMENTAL MANAGEMENT PROGRAMME AND FINAL LAYOUT FOR THE KARREEBOSCH WIND ENERGY FACILITY (REF: 14/12/16/3/3/2/807/AM3)

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One Drive Link	<input type="checkbox"/> Karreebosch Public Review
One Drive Instruction	<ul style="list-style-type: none">Please note that you will receive a separate email with the link to the one drive. This link will then request a verification number which will automatically be sent to your email address – if it doesn't seem to come through please check your "spam" folder

G7 Website	https://ppp.g7energies.com/KWEF6v78
Website Instructions	<ul style="list-style-type: none"> • Create an account here https://ppp.g7energies.com • Login and use the specific pathway above to view and/or download the documents

Kindly ensure that all comments on the proposed project or requests to be registered as an Interested and Affected Party are submitted to the contact details provided below, by 23 September 2022. Should you have any queries/comments, please do not hesitate to contact the EAP.

We look forward to your participation in this process and your meaningful contributions.

WSP Group Africa (Pty) Ltd
 Attention: Megan Govender
 (T) 011 361 1300
 (F) 011 361 1301
 (E) Megan.Govender@wsp.com

Kind regards



Ashlea Strong
 Principal Associate

Stakeholder details redacted as per POPIA requirements



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 Building C
 Knightsbridge
 33 Sloane Street, Bryanston
 2191 South Africa

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Govender, Megan

From: Strong, Ashlea
Sent: Tuesday, 27 September 2022 08:47
To: Govender, Megan
Subject: FW: KARREEBOSCH WEF
Attachments: EA Amend Karreebosch Comments.pdf; Karreesboch DBAR comments.pdf



Ashlea Strong
Principal Associate

Stakeholder details redacted as per POPIA requirements

From: Portia Makitla
Sent: Friday, 23 September 2022 20:39
To: Strong, Ashlea <Ashlea.Strong@wsp.com>

Stakeholder details redacted as per POPIA requirements

Subject: KARREEBOSCH WEF

Dear Ashlea

Please find the attached for your attention.

Thanks & Regards



Ms. Mashienyane Portia Makitla
CBO: Biodiversity Mainstreaming & EIA
Department of Forestry, Fisheries and the Environment
Environment House
473 Steve Biko and Soutpansberg Streets
PRETORIA

Stakeholder details redacted as per POPIA requirements



forestry, fisheries
and the environment
Department:
Forestry, Fisheries and the Environment
REPUBLIC OF SOUTH AFRICA

From: Strong, Ashlea <Ashlea.Strong@wsp.com>
Sent: Tuesday, 23 August 2022 11:05
To: Strong, Ashlea <Ashlea.Strong@wsp.com>

Cc: Govender, Megan <Megan.Govender@wsp.com>

Subject: NOTICE OF THE PROPOSED AMENDMENT OF THE EA FOR THE 140MW KARREEBOSCH WEF (REF: 14/12/16/3/3/2/807/AM3) AND THE AMENDED EMPr AND FINAL LAYOUT

Dear Commenting Authority

NOTICE OF THE PROPOSED AMENDMENT OF THE ENVIRONMENTAL AUTHORISATION FOR THE 140MW KARREEBOSCH WIND ENERGY FACILITY (REF: 14/12/16/3/3/2/807/AM3) AND THE AMENDED ENVIRONMENTAL MANAGEMENT PROGRAMME AND FINAL LAYOUT FOR THE KARREEBOSCH WIND ENERGY FACILITY (REF: 14/12/16/3/3/2/807/AM3)

Notice is given in terms of Regulation 32 (GNR 326) of the Environmental Impact Assessment (EIA) Regulations, 2014 as amended published under section 24 and 24D of the National Environmental Management Act (No. 107 of 1998) (NEMA) (as amended) for submission of application for an Amendment in terms of a Part 2 Amendment Process described in Regulation 31.

In addition, notice is given of the proposed submission of the final layout and Environmental Management Programme (EMPr) amendment for the Karreebosch Wind Energy Facility (WEF) in terms of Condition 16 and 18 of the Environmental Authorisation (EA).

Karreebosch Wind Farm RF (Pty) Ltd (the Applicant) applied for Environmental Authorisation (EA) for the proposed Karreebosch WEF in 2016. The Department of Environmental Affairs (DEA) (now known as the Department of Forestry, Fisheries and the Environment – DFFE) issued an EA on the 29 January 2016 (Ref No: 14/12/16/3/3/2/807) for the 140MW Karreebosch Wind Energy Facility (WEF). Amendments to this EA were issued on 10 June 2016 (Ref No: 14/12/16/3/3/2/807/AM1), 15 November 2018 (Ref No: 14/12/16/3/3/2/807/AM2) and 30 October 2019 (Ref No: 14/12/16/3/3/2/807/AM3). The proponent, Karreebosch Wind Farm RF (Pty) Ltd (Karreebosch), now wishes to further amend the above-mentioned EA to undertake substantive amendments which includes increasing the hub height and rotor diameter to up to 140 m and 170 m respectively. Other non-substantive amendments include increasing the generation capacity of the individual turbines from up to 5.5MW to up to 7.5MW, as well as administrative amendments (the entire scope of the amendment request is detailed in the amendment report). None of the amendments trigger new listed activities in terms of GNR 327, 325 and 324 of the EIA Regulations, 2014 (as amended). However, the proposed amendments will result in a change in scope of the valid EA. As such, a Regulation 31 Amendment Process in terms the EIA Regulations (GNR 326) of the EIA Regulations, 2014 as amended is applicable. The authorised Karreebosch WEF falls within the Karoo Hoogland Local Municipality, Namakwa District Municipality within the Northern Cape Province as well as the Laingsburg Local Municipality, Central Karoo District Municipality and the Witzenberg Local Municipality, Cape Winelands District Municipality within the Western Cape Province.

WSP Group Africa (Pty) Ltd (WSP) has been appointed as the independent and suitably qualified Environmental Assessment Practitioner (EAP) by Karreebosch, to manage and undertake the Part 2 Amendment process and to amend the EMPr. Parties wishing to formally register as interested and affected parties in order to receive more information and/ or raise their comment(s) on the project amendments, are requested to forward their full contact details to the EAP and disclose their direct business, financial, personal or other interest in the project. Any comments on the proposed project may be submitted to the EAP via the details provided below. Registered interested and affected parties will be forwarded all future project related correspondence.

The Draft Amendment Report and amended EMPr and Final Layout are available from WSP on request and at the following links below for your review and comment for 30 days from **23 August 2022 – 23 September 2022**:

One Drive Link	<input type="checkbox"/> Karreebosch Public Review
One Drive Instruction	<ul style="list-style-type: none">Please note that you will receive a separate email with the link to the one drive. This link will then request a verification number which will automatically be sent to your email address – if it

	doesn't seem to come through please check your "spam" folder
G7 Website	https://ppp.g7energies.com/KWEF6v78
Website Instructions	<ul style="list-style-type: none"> • Create an account here https://ppp.g7energies.com • Login and use the specific pathway above to view and/or download the documents

Kindly ensure that all comments on the proposed project or requests to be registered as an Interested and Affected Party are submitted to the contact details provided below, by 23 September 2022. Should you have any queries/comments, please do not hesitate to contact the EAP.

We look forward to your participation in this process and your meaningful contributions.

WSP Group Africa (Pty) Ltd
 Attention: Megan Govender
 (T) 011 361 1300
 (F) 011 361 1301
 (E) Megan.Govender@wsp.com

Kind regards



Ashlea Strong
 Principal Associate

Stakeholder details redacted as per POPIA requirements



WSP in Africa
 Building C
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 33 Sloane Street, Bryanston
 2191 South Africa

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forestry, fisheries & the environment

Department:
Forestry, Fisheries and the Environment
REPUBLIC OF SOUTH AFRICA

Private Bag X 447, Pretoria, 0001, Environment House, 473 Steve Biko Road, Pretoria, Tel: +27 12 399 9000, Fax: +27 86 625 1042

Reference: Karreebosch 132kV

Enquiries: Ms. Portia Makitla

Stakeholder details redacted as per POPIA requirements

Ms Ashlea Strong
WSP GROUP AFRICA (PTY) LTD
P.O. Box 98867
SLOANE PARK
2151

Stakeholder details redacted as per POPIA requirements

Telephone Number:

Email Address:

Ashlea.Strong@wsp.com

PER E-MAIL

Dear Ms. Strong

COMMENTS ON DRAFT BASIC ASSESSMENT REPORT FOR THE PROPOSED CONSTRUCTION KARREEBOSCH 132KV OVERHEAD POWERLINE AND SUBSTATION NEAR MATJIESFONTEIN, WESTERN CAPE PROVINCE AND NEAR SUTHERLAND, NORTHERN CAPE PROVINCE

The Directorate: Biodiversity Conservation has reviewed and evaluated the reports.

The site is located within Central Mountain Shale Renosterveld and Koedoesberge-Moordenaars Karoo (both of Least Concern status) and within an area having a Critical Biodiversity Areas (CBA) 1 & 2 and Ecological Support Area (ESA) 1 designation with some Other Natural Area also present. The impact to ecological processes associated with the proposed development are likely to be localised and not likely to be significant.

Most impacts identified had a significance rating of medium without implementing mitigation measures and could be reduced to a low significance rating after implementing the proposed mitigation measures.

Nonetheless, please note that the Directorate Biodiversity Conservation does not support any development within a very highly sensitive area that will result with significant negative residual impacts after mitigation.

In conclusion, the Public Participation Process documents related to Biodiversity EIA for review and queries should be submitted to the Directorate: Biodiversity Conservation at Email; BCAdmin@dfpe.gov.za for the attention of Mr. Seoka Lekota.

Yours faithfully

Mr Seoka Lekota

Control Biodiversity Officer Grade B: Biodiversity Conservation

Department of Forestry, Fisheries & the Environment

Date: 23/09/2022



Batho pele- putting people first

Govender, Megan

From: Shehaam Brinkhuis Stakeholder details redacted as per POPIA requirements
Sent: Wednesday, 14 September 2022 20:12
To: Strong, Ashlea
Subject: RE: NOTICE OF THE PROPOSED DEVELOPMENT OF THE KARREEBOSCH 132KV OVERHEAD POWERLINE AND SUBSTATION: Draft Basic Assessment Public Review

Hi there

Thank you for your response and documents it is much appreciated.

Kind Regards

Shehaam brinkhuis

From: Strong, Ashlea <Ashlea.Strong@wsp.com>
Sent: Wednesday, September 14, 2022 5:43 PM
To: Shehaam Brinkhuis Stakeholder details redacted as per POPIA requirements
Cc: Govender, Megan <Megan.Govender@wsp.com>
Subject: RE: NOTICE OF THE PROPOSED DEVELOPMENT OF THE KARREEBOSCH 132KV OVERHEAD POWERLINE AND SUBSTATION: Draft Basic Assessment Public Review

Hi Shehaam

Please find wetransfer links for the reports as requested:

Basic Assessment Report:

Download link

<https://we.tl/t-lxdUJtKfFu>

Part 2 Amendment and EMPR Amendment:

Download link

<https://we.tl/t-jD7Nxj3kWF>

Please confirm successful download.

Kind regards

Ashlea



Ashlea Strong
Principal Associate

Stakeholder details redacted as per POPIA requirements

From: Shehaam Brinkhuis Stakeholder details redacted as per POPIA requirements
Sent: Wednesday, 14 September 2022 08:54
To: Strong, Ashlea <Ashlea.Strong@wsp.com>
Cc: Govender, Megan <Megan.Govender@wsp.com>

Subject: FW: NOTICE OF THE PROPOSED DEVELOPMENT OF THE KARREEBOSCH 132KV OVERHEAD POWERLINE AND SUBSTATION: Draft Basic Assessment Public Review

Good day Ashlea Strong

May I please ask for documentation and appendices to be emailed to me as I cannot download them due to errors for the Karreebosch application.

Kind regards

Shehaam Brinkhuis

From: Shehaam Brinkhuis

Sent: Tuesday, September 13, 2022 1:46 PM

To: Megan.Govender@wsp.com

Subject: RE: NOTICE OF THE PROPOSED DEVELOPMENT OF THE KARREEBOSCH 132KV OVERHEAD POWERLINE AND SUBSTATION: Draft Basic Assessment Public Review

Good Day Ms Govender

I am unable to download the documents for this application, none of the links are allowing me to download.

Could I please ask for your assistance in emailing them all appendices to me please.

Kind Regards

Shehaam Brinkhuis

From: Strong, Ashlea <Ashlea.Strong@wsp.com>

Sent: Tuesday, August 23, 2022 11:05

To: Strong, Ashlea <Ashlea.Strong@wsp.com>

Cc: Govender, Megan <Megan.Govender@wsp.com>

Subject: NOTICE OF THE PROPOSED DEVELOPMENT OF THE KARREEBOSCH 132KV OVERHEAD POWERLINE AND SUBSTATION: Draft Basic Assessment Public Review

Dear Commenting Authority

NOTICE OF THE PROPOSED DEVELOPMENT OF THE KARREEBOSCH 132KV OVERHEAD POWERLINE AND SUBSTATION WITHIN THE KAROO HOOGLAND LOCAL MUNICIPALITY AND THE LAINGSBURG LOCAL MUNICIPALITY IN THE NORTHERN CAPE PROVINCE AND WESTERN CAPE PROVINCE

Notice is given in terms of Regulation 41(2) of GNR 326 (07 April 2017) published under section 24 and 24D of the National Environmental Management Act (No. 107 of 1998) (NEMA) (as amended) for an application process for Environmental Authorisation (EA) in respect of activities identified in terms of GNR 327 and GNR 324 of the 2014 Environmental Impact Assessment (EIA) Regulations (as amended).

The proponent, Karreebosch Wind Farm (RF) (Pty) Ltd (Karreebosch), proposes to construct a 132kV overhead powerline (OHPL) (up to 21km in length) and onsite 33/132kV substation. The proposed Karreebosch OHPL will evacuate power from the proposed Karreebosch onsite substation associated with the authorised Karreebosch WEF (EA Ref: 14/12/16/3/3/2/807/AM3) and will connect to the existing 400kV Komsberg substation via the existing Bon Espirange substation.

WSP Group Africa (Pty) Ltd (WSP) has been appointed as the independent and suitably qualified Environmental Assessment Practitioner (EAP) to manage and undertake the BA process. Parties wishing to formally register as interested and affected parties (IAPs) in order to receive more information and/ or raise their comment(s) on the proposed project, are requested to forward their full contact details to the EAP and disclose their direct business, financial, personal or other interest in the project. Any comments on the proposed project may be submitted to the EAP via the details provided below. Registered IAPs will be sent all future project related correspondence and notified individually of additional opportunities to participate in the process.

The Draft BA Report has been made available at the links below for your review and comment for 30 days from **23 August 2022**
 – **23 September 2022**.

One Drive Link	<input type="checkbox"/> Karreebosch Public Review
One Drive Instruction	<ul style="list-style-type: none"> Please note that you will receive a separate email with the link to the one drive. This link will then request a verification number which will automatically be sent to your email address – if it doesn't seem to come through please check your "spam" folder
G7 Website	https://ppp.g7energies.com/KWEF6v78
Website Instructions	<ul style="list-style-type: none"> Create an account here https://ppp.g7energies.com Login and use the specific pathway above to view and/or download the documents

WSP Group Africa (Pty) Ltd
Attention: Megan Govender
 Tel: +27 11 361 1300
 Fax: +27 11 361 1301
 E-mail: Megan.Govender@wsp.com

We look forward to your participation in this process and your meaningful contributions.

Kind regards



Ashlea Strong
 Principal Associate

Stakeholder details redacted as per POPIA requirements



WSP in Africa
 Building C
 Knightsbridge
 33 Sloane Street, Bryanston
 2191 South Africa

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South African Heritage Resources Agency | 111 Harrington Street | Cape Town
P.O. Box 4637 | Cape Town | 8001
www.sahra.org.za

Enquiries: Natasha Higgitt

Date: Wednesday September 21, 2022

Stakeholder details redacted as per POPIA requirements

Page No: 1

CaseID: 19355

Final Comment

In terms of Section 38(4), 38(8) of the National Heritage Resources Act (Act 25 of 1999)

Attention: Karreebosch Wind Farm (RF) (Pty) Ltd

The proposed 132kV Karreebosch OHPL, 33/132kV Substation and associated infrastructure is located 35km north of Matjiesfontein, and extends across two provinces, namely the Northern and Western Cape Provinces. The proposed Karreebosch OHPL will extend from the proposed Karreebosch onsite 33/132kV substation, which is situated in Ward 3 of the Karoo Hoogland Local Municipality in the Namakwa District Municipality in the Northern Cape into Ward 2 of the Laingsburg Local Municipality in the Central Karoo District Municipality in the Western Cape Province, where it will connect to the existing 400kV Komsberg substation via the existing Bon Espirange substation.

WSP Group Africa Proprietary Limited has been appointed by Karreebosch Wind Farm (RF) (Pty) Ltd to conduct an Environmental Authorisation (EA) Application for the proposed Karreebosch 132kV Overhead Powerline and substation, between Sutherland and Matjiesfontein, in the Northern Cape and Western Cape Provinces.

It must be noted that this comment will only pertain to the Northern Cape section of the proposed development. Comments for the Western Cape sections of this development must be sought from Heritage Western Cape (HWC).

A draft Basic Assessment Report (DBAR) has been submitted in terms of the National Environmental Management Act, 1998 (NEMA) and the 2017 NEMA Environmental Impact Assessment (EIA) Regulations. The proposed development will include the construction of a 132kV powerline. Six alternative routes have been proposed i.e. Alternative 1A 14.51 km long (Preferred alternative), Alternative IB 17.28 km long, Alternative IC 13.91 km long, Alternative 2A 20.47 km long, Alternative AB 16.63 km long and Alternative 2C 20.52 km long, with a servitude of 45 m, the Karreebosch onsite substation (up to 30 000 m²), and a potential expansion of the Komsberg substation footprint (up to 30 000 m²) with two alternative locations. The third alternative from the Bon Espirange Substation to the Komsberg Route is located in the Western Cape and will not be discussed here.

CTS Heritage has been appointed to provide heritage specialist input as required by section 24(4)b(iii) of NEMA and section 38(8) of the National Heritage Resources Act, Act 25 of 1999 (NHRA).



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South African Heritage Resources Agency | 111 Harrington Street | Cape Town
P.O. Box 4637 | Cape Town | 8001
www.sahra.org.za

Lavin, J. August 2022. Heritage Impact Assessment in terms of Section 38(8) of the NHRA for the Proposed establishment of 132kV Overhead Powerline (OHL) and 33/132kV Substation to evacuate power from the Karreebosch Wind Energy Facility (WEF) to the National Grid in the Western and Northern Cape.

The recommendations provided in the report include the following:

- Should OHL Alternative 1B be developed, a walkdown of final alignment must be conducted by a palaeontologist with an approved workplan for the collection of sensitive fossil resources that are at risk;
- The attached Chance Fossil Finds Procedure must be implemented throughout the construction phase of the development;
- The mitigation measures proposed in section 9 of the VIA are implemented;
- Should any buried archaeological resources or burials be uncovered during the course of development activities, work must cease in the vicinity of these finds. The relevant heritage authority (the South African Heritage Resources Agency (SAHRA) in the Northern Cape and Heritage Western Cape (HWC) in the Western Cape) must be contacted immediately in order to determine an appropriate way forward.

The HIA based the above recommendations on results from the following heritage specialist reports:

Lavin, J. 2022. Archaeological Specialist Study: In terms of Section 38(8) of the NHRA for a Proposed establishment of 132kV powerline and substation to evacuate power from the Karreebosch Wind Energy Facility to the National Grid in the Western and Northern Cape.

A total of six (6) heritage resources were identified within the proposed development area. These include Stone Age surface scatters of lithics of negligible heritage significance. No mitigation measures were recommended.

Almond, J. E. 2021. Palaeontological Heritage: Combined Desktop & Field-Based Report 1 Proposed Development of a 132kV Overhead Powerline for the Kareebosch Wind Energy Facility to the existing Komsberg MTS, Karoo Hoogland Local Municipality (Northern Cape Province) and Laingsburg Local Municipality (Western Cape Province).

The proposed development area is underlain by the Abrahamskraal Formation. A total of 10 palaeontological



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Enquiries: Natasha Higgitt

Date: Wednesday September 21, 2022

Stakeholder details redacted as per POPIA requirements

Page No: 3

CaseID: 19355

resources were identified within the proposed development area. These include trace fossils (wave ripples, burrow casts, plant stem casts), dense mat of reworked reedy sphenophyte stems of Grade IIIC heritage significance, and vertebrate bone and perhaps bony spines or teeth of bony fish or amphibian, and vertical lungfish burrows of Grade IIIB heritage significance.

Recommendations provided in the report include, that if powerline Option 1B is selected for construction, vertebrate fossil material at or in the vicinity of Locs. 454-456 on Rietfontein RE/197 (PAL_KRB002 – 004) must be collected by a professional palaeontologist before construction of the powerline.

Schwartz, K. 2022. Visual Impact Assessment for the Proposed Karreebosch 132KV powerline and substation

The proposed development is expected to have a negative low visual impact.

Final Comment

*These comments are only valid for the Northern Cape section of the proposed development.

The following comments are made as a requirement in terms of section 3(4) of the NEMA Regulations and section 38(8) of the NHRA in the format provided in section 38(4) of the NHRA and must be included in the Final BAR and EMP:

- 38(4)a – The SAHRA Archaeology, Palaeontology and Meteorites (APM) Unit has no objections to the proposed development;
- 38(4)b – The recommendations of the specialists are supported and must be adhered to. Further additional specific conditions are provided for the development as follows:
- Should Alternative IB be chosen, an archaeological and palaeontological walkdown must be conducted and walkdown reports must be submitted to SAHRA prior to the construction phase for review and comment. No construction may commence without comments from SAHRA in this regard;
- If it is not possible to avoid sites PAL_KRB002 – 004, a permit in terms of section 35 of the NHRA and Chapter II and IV of the June 2000 NHRA regulations must be applied for from SAHRA prior to construction to mitigate sites PAL_KRB002 - 004. No mitigation work may occur before the permit issued in this regard and no construction may commence at those locations before the conditions of the permit are met;
- 38(4)c(i) – If any evidence of archaeological sites or remains (e.g. remnants of stone-made structures, indigenous ceramics, bones, stone artefacts, ostrich eggshell fragments, charcoal and ash

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Enquiries: Natasha Higgitt

Date: Wednesday September 21, 2022

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Page No: 4

CaseID: 19355

concentrations), fossils or other categories of heritage resources are found during the proposed development, SAHRA APM Unit (Natasha Higgitt/Phillip Hine 021 462 5402) must be alerted as per section 35(3) of the NHRA. Non-compliance with section of the NHRA is an offense in terms of section 51(1)e of the NHRA and item 5 of the Schedule;

- 38(4)c(ii) – If unmarked human burials are uncovered, the SAHRA Burial Grounds and Graves (BGG) Unit (Thingahangwi Tshivhase/Ngqabutho Madida 012 320 8490), must be alerted immediately as per section 36(6) of the NHRA. Non-compliance with section of the NHRA is an offense in terms of section 51(1)e of the NHRA and item 5 of the Schedule;
- 38(4)d – See section 51 of the NHRA regarding offences;
- 38(4)e – The following conditions apply with regards to the appointment of specialists:
- With reference to the mitigation work noted above, a qualified archaeologist must be appointed to undertake the work in terms of the permit applied for as noted above;
- If heritage resources are uncovered during the course of the development, a professional archaeologist or palaeontologist, depending on the nature of the finds, must be contracted as soon as possible to inspect the heritage resource. If the newly discovered heritage resources prove to be of archaeological or palaeontological significance, a Phase 2 rescue operation may be required subject to permits issued by SAHRA;
- The Final BAR and EMPr must be submitted to SAHRA for record purposes;
- The decision regarding the EA Application must be communicated to SAHRA and uploaded to the SAHRIS Case application.

Should you have any further queries, please contact the designated official using the case number quoted above in the case header.

Yours faithfully

Natasha Higgitt
Heritage Officer
South African Heritage Resources Agency

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Enquiries: [Natasha Higgitt](#)

Date: Wednesday September 21, 2022

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Page No: 5

CaseID: 19355

Phillip Hine
Manager: Archaeology, Palaeontology and Meteorites Unit
South African Heritage Resources Agency

ADMIN:

Direct URL to case: <https://sahris.sahra.org.za/node/603950>

Terms & Conditions:

1. This approval does not exonerate the applicant from obtaining local authority approval or any other necessary approval for proposed work.
2. If any heritage resources, including graves or human remains, are encountered they must be reported to SAHRA immediately.
3. SAHRA reserves the right to request additional information as required.

Govender, Megan

From: Thea Jordan Stakeholder details redacted as per POPIA requirements
Sent: Thursday, 29 September 2022 13:00
To: Strong, Ashlea; Govender, Megan
Cc: Adri La Meyer
Subject: COMMENTS ON THE DRAFT BAR FOR THE PROPOSED DEVELOPMENT OF THE KARREEBOSCH 132KV OVERHEAD POWERLINE AND SUBSTATION NEAR MATJIESFONTEIN
Attachments: 2022 Sept 29 - DRAFT BAR FOR THE PROPOSED DEVELOPMENT OF THE KARREEBOSCH 132KV OVERHEAD POWERLINE AND SUBSTATION NEAR MATJIESFONTEIN.pdf

Dear EAP,

Your request for comment refers.

Please find attached this Department's comment in the above regard.

Kind Regards

Thea Jordan
Pr. Pl. (A/1237/2002)
Director: Development Facilitation
Department of Environmental Affairs and Development Planning
Western Cape Government

11th Floor, Utilitas Building, 1 Dorp Street, Cape Town, 8000

Stakeholder details redacted as per POPIA requirements



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Should you not be able to contact the numbers above, please call +27 (0)21 483 4091
between 07:30-16:00.

From: Strong, Ashlea <Ashlea.Strong@wsp.com>
Sent: Tuesday, August 23, 2022 11:05
To: Strong, Ashlea <Ashlea.Strong@wsp.com>
Cc: Govender, Megan <Megan.Govender@wsp.com>
Subject: NOTICE OF THE PROPOSED DEVELOPMENT OF THE KARREEBOSCH 132KV OVERHEAD POWERLINE AND SUBSTATION: Draft Basic Assessment Public Review

Dear Commenting Authority

NOTICE OF THE PROPOSED DEVELOPMENT OF THE KARREEBOSCH 132KV OVERHEAD POWERLINE AND SUBSTATION WITHIN THE KAROO HOOGLAND LOCAL MUNICIPALITY AND THE LAINGSBURG LOCAL MUNICIPALITY IN THE NORTHERN CAPE PROVINCE AND WESTERN CAPE PROVINCE

Notice is given in terms of Regulation 41(2) of GNR 326 (07 April 2017) published under section 24 and 24D of the National Environmental Management Act (No. 107 of 1998) (NEMA) (as amended) for an application process for Environmental Authorisation (EA) in respect of activities identified in terms of GNR 327 and GNR 324 of the 2014 Environmental Impact Assessment (EIA) Regulations (as amended).

The proponent, Karreebosch Wind Farm (RF) (Pty) Ltd (Karreebosch), proposes to construct a 132kV overhead powerline (OHPL) (up to 21km in length) and onsite 33/132kV substation. The proposed Karreebosch OHPL will evacuate power from the proposed Karreebosch onsite substation associated with the authorised Karreebosch WEF (EA Ref: 14/12/16/3/3/2/807/AM3) and will connect to the existing 400kV Komsberg substation via the existing Bon Espirange substation.

WSP Group Africa (Pty) Ltd (WSP) has been appointed as the independent and suitably qualified Environmental Assessment Practitioner (EAP) to manage and undertake the BA process. Parties wishing to formally register as interested and affected parties (IAPs) in order to receive more information and/ or raise their comment(s) on the proposed project, are requested to forward their full contact details to the EAP and disclose their direct business, financial, personal or other interest in the project. Any comments on the proposed project may be submitted to the EAP via the details provided below. Registered IAPs will be sent all future project related correspondence and notified individually of additional opportunities to participate in the process.

The Draft BA Report has been made available at the links below for your review and comment for 30 days from **23 August 2022 – 23 September 2022**.

One Drive Link	<input type="checkbox"/> Karreebosch Public Review
One Drive Instruction	<ul style="list-style-type: none"> Please note that you will receive a separate email with the link to the one drive. This link will then request a verification number which will automatically be sent to your email address – if it doesn't seem to come through please check your "spam" folder
G7 Website	https://ppp.g7energies.com/KWEF6v78
Website Instructions	<ul style="list-style-type: none"> Create an account here https://ppp.g7energies.com Login and use the specific pathway above to view and/or download the documents

WSP Group Africa (Pty) Ltd
Attention: Megan Govender
 Tel: +27 11 361 1300
 Fax: +27 11 361 1301
 E-mail: Megan.Govender@wsp.com

We look forward to your participation in this process and your meaningful contributions.

Kind regards



Ashlea Strong
 Principal Associate

Stakeholder details redacted as per POPIA requirements



WSP in Africa
Building C
Knightsbridge
33 Sloane Street, Bryanston
2191 South Africa

wsp.com

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Stakeholder details redacted as per POPIA requirements

References:

16/3/3/6/4/1/1/C1/7/0169/22 (Development Management)

18/2/3/2022-2023 (Development Facilitation)

19/3/2/4/C1/7/DDF065/22 (Pollution and Chemicals Management)

19/2/5/3/C1/7/WL0137/22 (Waste Management)

Attention: Ms Megan Govender

WSP Group Africa (Pty) Ltd
P.O. Box 98867
Sloane Park
JOHANNESBURG
2151

Megan.Govender@wsp.com

Dear Madam

COMMENTS ON THE DRAFT BASIC ASSESSMENT REPORT FOR THE PROPOSED 132KV DOUBLE CIRCUIT OVERHEAD POWERLINE, 132KV SUBSTATION AND ASSOCIATED ROAD INFRASTRUCTURE, AND POSSIBLE EXPANSION OF THE KOMSBERG SUBSTATION TO EVACUATE ELECTRICITY FROM THE AUTHORISED 140MW KARREEBOSCH WIND ENERGY FACILITY VIA THE EXISTING BON ESPIRANGE SUBSTATION TO THE EXISTING KOMSBERG SUBSTATION ACROSS VARIOUS PROPERTIES NEAR MATJIESFONTEIN, WESTERN CAPE AND NORTHERN CAPE PROVINCES

1. The email notification of 23 August 2022 regarding the availability of the Draft Basic Assessment Report ("BAR") for comments and the email of 23 August 2022 containing a verification code to download the Draft BAR and appendices, refer.
2. Thank you for the opportunity to participate in the basic assessment ("BA") process. The Department apologises for the delay in submitting comments on the Draft BAR and hopes its comment can be considered for inclusion in the Final BAR. Please find consolidated comment from various directorates within the Department on the Draft BAR dated August 2022 that was available for download from various online platforms provided by the environmental assessment practitioner ("EAP").

3. Directorate: Development Management (Region 3) – Ms Dorien Werth (Email: **Stakeholder details redacted as per POPIA requirements**)
- 3.1. It is noted that several non-perennial drainage features are present within and near the development area. Based on the outcome of the Risk Assessment Matrix, water use authorisation by means of a general authorisation in terms of the National Water Act, 1998 (Act No. 36 of 1998) is required. This must be confirmed by the Department of Water and Sanitation.
- 3.2. This Directorate notes that the proposed powerline is located within the Central Transmission Corridor which has been identified as suitable for the establishment of electricity grid infrastructure and therefore, the potential impacts on the broader area's sense of place is noted to be of low significance.
- 3.3. A chance find procedure for the rescuing of any fossils or heritage resources discovered during construction must be implemented.
- 3.4. The following identified, specific no-go areas must be avoided: wetland areas in the vicinity of the Bon Espirange substation; the Rocky Garden on the mountain slightly to the north of the route for overhead powerline route Options 1A, B and C; and the buffer along Tankwas River including aggregating, ground-nesting, bee population on the western side of overhead powerline route Option 2C.
- 3.5. This Directorate note that reference is made in the Draft BAR with regards to rehabilitation measures that should be implemented but is concerned that no specific rehabilitation plan has been included in the Draft BAR for the areas that will be affected by the project proposal. Reference is made in the Site-Specific Environmental Management Programme ("EMPr") to implementation of a Rehabilitation Plan as per Appendix F. Please however note that Appendix F of the EMPr (Biodiversity and Terrestrial Ecology Plans) does not have a specific rehabilitation plan.
- 3.6. The EMPr must contain all the relevant information stipulated in Appendix 4 of the National Environmental Management Act, 1998 (Act No. 107 of 1998) ("NEMA") Environmental Impact Assessment ("EIA") Regulations, 2014 (as amended) and comply with section 24N of the NEMA, 1998.
4. Directorate: Development Facilitation – Ms Adri La Meyer (Email: Adri.Lameyer@westerncape.gov.za: **Stakeholder details redacted as per POPIA requirements**)
- 4.1. The Screening Tool Report generated on 12 July 2022 (Appendix I) rated very high sensitivities for the aquatic biodiversity, palaeontology and terrestrial biodiversity themes. High sensitivities were rated for the animal species and archaeological and cultural heritage themes. Section 3.3 of the Draft BAR further indicates that a pre-application meeting was held with competent authority on 02 August 2022. As such, it is assumed (to be confirmed by the EAP in the Final BAR) that the *Standard for the Development and Expansion of Power Lines and Substations within Identified Geographical Areas Revision 2 June 2022* ("the Standard") promulgated in Government Notice ("GN") No. 2313 of 27 July 2022 is not applicable. The Standard and exclusions do not apply "where any part of the infrastructure occurs on an area for which the environmental sensitivity for any environmental theme is identified as being very high or high by the national web based environmental screening tool and confirmed to be

such through the application of the procedures set out in the Standard." It is recommended that reference to the Standard be included in section 2.1 (National Legal and regulatory Framework) of the Final BAR.

- 4.2. The relevant sections of the Final BAR (alternatives, environmental impact statement and conclusions) should clearly indicate what the preferred alternatives are based on the outcome of the specialist assessments. In this regard, the EAP's attention is drawn to regulation 3(1)(h)(xi) of the NEMA EIA Regulations, 2014 (as amended) which requires that a BAR must contain a concluding statement indicating the preferred alternatives, including preferred location of the activity. It is acknowledged that page 268 of the Draft BAR states that "*The preferred layout alternative for the transmission of generated power from the Karreebosch WEF onsite substation to the existing Komsberg substation via the Bon Espirange substation is Substation Option 1 and powerline route Option 1A, together with Route 3.*"
- 4.3. Following the above, it is noted that two location alternatives (Options 1 and 2) for the 33/132kV switching substation at the Karreebosch wind energy facility ("WEF") site have been assessed as part of the BA process, with six overhead powerline route alternatives (Options 1A, 1B, 1C, 2A, 2B and 2C) proposed between the Karreebosch WEF onsite 33/132kV substation and route 3 preceding the existing Bon Espirange substation. According to the Draft BAR, the preferred option from an avifaunal perspective would be any one of the Option 1 permutations, with Options 2A and 2B not preferred, and Option 2C acceptable but not preferred due to its length. From a freshwater ecology perspective, preference is given to substation Option 1 and thus powerline route Option 1A, 1B or 1C and the access roads associated thereof. As such, this Directorate supports Option 1 as the preferred substation alternative, with route Options 1A and/or 1C as the preferred route alternative for the overhead powerline.
- 4.4. It is noted that both Activity 14 of Listing Notice 1 and Activity 10 of Listing Notice 3 of the NEMA EIA Regulations, 2014 (as amended) are being applied for. Please be advised that only one of the activities are applicable due to the difference in thresholds. Based on the information provided in the Draft BAR, it appears that only Activity 14 of Listing Notice 1 is the applicable listed activity as "*More than 80 m³ (but less than 500 m³) of diesel will be temporarily stored in above ground storage tanks within the construction camp for use during the construction period.*"
5. ~~Directorate: Pollution and Chemicals Management – Ms. Shehgam Brinkhuis (Email:~~
Stakeholder details redacted as per POPIA requirements
- 5.1. All environmental commitments, proposed mitigation measures and specialist recommendations, as included in the Draft BAR and the EMPr should be strictly implemented and adhered to.
- 5.2. Based on the outcome of the specialist assessment, powerline route alignment Option 1A and substation Option 1 are the preferred alternatives.
- 5.3. The proposal to install powerline support structures outside of watercourses, preferably at least 32m, where feasible, must be strictly implemented. Furthermore, the potential impact of associated roadways on watercourses must be limited as far as possible, with existing crossings used to access

portions of the project site where possible. Areas where the proposed activities do not encroach on watercourses should be considered as no-go areas.

- 5.4. Any stormwater infrastructure installed to mitigate possible hydrological impacts should be regularly maintained throughout the lifespan of the infrastructure to ensure its optimum functionality. The implementation and adherence to the stormwater and erosion management plan is supported.
- 5.5. It is recommended that a Hazardous Materials Management Plan be developed and implemented, which establishes standard procedures for reporting, handling, disposal, and clean-up of hazardous material spills and releases. Consideration should be given to the use of biodegradable lubricants and non-hazardous fluids whenever feasible. Where possible, maintenance and repair of vehicles should be performed off-site.
- 5.6. Please amend the Draft BAR and the EMPr for both the powerline and substation to include reference to section 30 of the NEMA, 1998 pertaining to the control of incidents. In the event of a significant spill or leak of hazardous substances (e.g., petrol, diesel, etc.) used during the proposed activities, such an incident(s) must be reported to the relevant authorities, including this Directorate, in accordance with section 30 of the NEMA, 1998.
6. Directorate: Waste Management – Ms Monique Coetzee (Email: **Stakeholder details redacted as per POPIA requirements**)
- 6.1. With regards to the waste management options described in Table 7-47 of the Draft BAR, please also consider organic waste that will be generated by the clearing of vegetation. Vegetation that will be cleared should not be sent to landfill, but instead diverted (e.g., chipped / composted), either on-site or at a licensed waste management facility. Diversion in the Western Cape would aid this Department's ban on organic waste to landfill, requiring 50% diversion by 2022 and 100% diversion by 2027. To facilitate this, this waste stream should also be kept separate from the general and recyclable waste streams.
- 6.2. Storage of waste, especially during the construction phase, must be in accordance with the National Norms and Standards for the Storage of Waste promulgated in GN No. 926 of 29 November 2013. Importantly, no waste may be stored for more than 90 days.
- 6.3. It is important to note that the applicant is the responsible party for the waste generated during the project lifecycle and must put in place adequate measures to manage waste. The relevant municipalities can assist, but the generator is responsible for reducing and managing waste generated as per the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008).
- 6.4. Bins and skips used for hazardous waste must be properly labelled and have a lid.
- 6.5. As far as possible, materials should be reused and/or recycled to reduce the generation of waste. To facilitate recycling, separate bins should be provided to allow for separation at source. Local recyclers should be approached to assist with accepting recyclable materials.

- 6.6. For the operational phase, although minimal, waste management is still required in terms of bin or a system where no waste is left on the site. This should be planned for and form part of the EMPr.
7. The applicant is reminded of its "general duty of care towards the environment" as prescribed in section 28 of the NEMA, 1998 which states that "Every person who causes, has caused or may cause significant pollution or degradation of the environment must take reasonable measures to prevent such pollution or degradation from occurring, continuing or recurring, or, in so far as such harm to the environment is authorised by law or cannot reasonably be avoided or stopped, to minimise and rectify such pollution or degradation of the environment."

Please direct all enquiries to the commenting officials should you require any clarity on any of the comments provided.

The Department reserves the right to revise initial comments and request further information based on any or new information received.

Yours sincerely

Thea Jordan
Digitally signed by Thea Jordan
Date: 2022.09.29 12:59:24
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pp **HEAD OF DEPARTMENT**

DEPARTMENT OF ENVIRONMENTAL AFFAIRS AND DEVELOPMENT PLANNING

Letter signed by:

Thea Jordan

Director: Development Facilitation

Date: 29 September 2022