



041 5085866



Province of the
EASTERN CAPE
ECONOMIC DEVELOPMENT,
ENVIRONMENTAL AFFAIRS & TOURISM

Corner Belmont Terrace and Castle Hill
Central, Port Elizabeth 6001

Private Bag X5001 | Greenacres | 6057
Republic Of South Africa

Tel: 041 5085800

Fax: 041 5085865

Email:

Web: www.dedea.gov.za

Fax Cover Sheet

To : **Nxuba Wind Farm (RF) (Pty) Ltd**
Attention : **Mr James Cumming**
Fax No. : **021 670 1470**

CC : **Savannah Environmental**
Attention : **Tebogo Mapinga**
Fax No. : **086 684 0547**

From : **Nicole Gerber**
Tel No : **041 508 5844**

Date : **11 July 2016**

Total no. of pages : **1 + 4 (including cover)**

RE : **Approval of CEMPr and OEMPr**
FILE REF : **EC02/C/LN1&3/M/31-2014 - Nxuba Wind Farm**

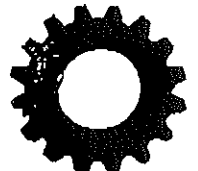
ENQUIRIES : **NICOLE GERBER**

Herewith attached please the letter referred to, for your attention.

Regards



"Innovation for Sustainable Development"



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Private Bag X5001, Greenacres, Port Elizabeth 6057 | Republic of South Africa

Tel: 041 508 5800 | Fax: 041 508 5865 | E-mail: Nicola.Gerber@dadea.gov.za | www.dadea.gov.za

Reference: EC02/C/LN1&3/M/31-2014
Enquiries: N. Gerber

Nxuba Wind Farm (RF) (Pty) Ltd
P.O. Box 23101
Claremont
Cape Town
7735

Fax: 021 670 1470
Email: James.Cumming@aced.co.za

Attention: Mr James Cumming

ENVIRONMENTAL AUTHORISATION IN TERMS OF SECTION 24 OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, ACT 107 OF 1998, AS AMENDED TO UNDERTAKE A LISTED ACTIVITY AS SCHEDULED IN THE ENVIRONMENTAL IMPACT ASSESSMENT REGULATIONS, 2010: ACCESS ROADS & WATER COURSE CROSSINGS ASSOCIATED WITH THE AUTHORISED GREAT FISH RIVER WINDFARM NEAR COOKHOUSE, BLUE CRANE ROUTE MUNICIPAL AREA.

Refer to the below information prepared and submitted by Savannah Environmental (Pty) Ltd on your behalf (as the Holder of the Environmental Authorisation) to have satisfied Conditional requirements set out in the Environmental Authorisation (Ref. No. EC02/C/LN1&3/M/31-2014) dated 24 March 2015 for the above mentioned project:

- i. Letter titled "Final construction and operational environmental management programme (CEMP_r & OEMP_r) for authority review" dated 19 April 2016 (submitted by courier), and received by the DEDEAT on 20 April 2016 –
 - Having included an EMP_r titled "...Pre-Construction and Construction Phase" as well as "...Operational Phase" dated April 2016.
- ii. Letter titled "Final construction and operational environmental management programme (CEMP_r & OEMP_r) for authority review" dated 6 June 2016 (submitted by courier), and received by the DEDEAT on 7 June 2016 –
 - Having incorporated corrections to the letter dated 19 April 2016, together with copies of the DEA Approval dated 9 February 2016 as Appendix A: DEA Approval of the EMP_r and Facility Layout Plan for the Nxuba Wind Farm as authorized (Ref #: 12/12/20/2290) dated 12 February 2012, as amended but the Facility Layout Plan approval was not included;

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Corner Belmont Terrace and Castle Hill, Central, Port Elizabeth 6001 / Private Bag X5001, Greenacres 6057 Republic of South Africa
Tel: 041 508 5800 | Fax: 041 508 5865 | E-mail: Nicola.Gerber@dadea.gov.za www.dadea.gov.za

ECONOR

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CHIEF DIRECTORATE: ENVIRONMENTAL AFFAIRS

- Appendix B containing an acknowledgement of receipt from the Department of Water and Sanitation (DWS) signed by Mr Joseph Jacobs 23 October 2015, as well as two drawings titled "Nxuba Wind Farm Watercourse Crossing Culvert Details" (Ref: QW0097-C-102) and "Nxuba Wind Farm Watercourse Crossing Layout" (Ref: QW0097-C-101) dated July 2014 prepared by QUNU Construction.
- iii. Amended letter titled "Final construction and operational environmental management programme (CEMPr & OEMPr) for authority review" dated 10 June 2016 (submitted by e-mail titled "DEDEAT REFERENCE: EC02/C/LN1&3/M/31-2014: Nxuba Wind Farm - Great Fish), and received by the DEDEAT on 10 June 2016 –
- Having confirmed the DEA Approval of the EMPr for the Nxuba Wind Farm dated 09 February 2016 and the Facility Layout Plan dated 18 April 2016 for the watercourse crossing as attached as Appendix A to this letter, which aligns with the Environmental Authorisation (EC02/C/LN1&3/M/31-2014).
 - The two drawings titled "Nxuba Wind Farm Watercourse Crossing Culvert Details" (Ref: QW0097-C-102) and "Nxuba Wind Farm Watercourse Crossing Layout" (Ref: QW0097-C-101) confirmed to be dated 03 July 2014 prepared by QUNU Construction, as contained in Appendix B of the 10 June 2016 letter, form part of the submission to DWS and the subsequent General Authorisation Issued by the DWS dated 30 May 2016 for the Design Plans of the culvert structure provided, as included in Appendix C of the 10 June 2016 letter.
 - The 10 June 2016 letter includes two Google Earth figures confirming that the coordinates reflected in the GA and the EA fall within the footprint of the watercourse crossing.
- iv. Email titled "DEDEAT REFERENCE: EC02/C/LN1&3/M/31-2014: Nxuba Wind Farm - Great Fish" dated 10 June 2016, and received by the DEDEAT on 10 June 2016 –
- This e-mail states that the "preliminary volumes of the material to be removed / excavated from the watercourse are considered negligible. Approximately 700m³ will be infilled for the establishment of the culverts structure as part of the associated access road approximately 30m on either side of the water course";
 - It is assumed that the same volume will be removed/excavated for both crossings, as the culvert structures approved by DWS are the same for both watercourses.

Furthermore, Savannah Environmental (Pty) Ltd in its correspondence, has amongst others confirmed that:

- All conditions stated in the "project specific conditions" of the Environmental Authorisation dated 24 April 2015 relating to the EMPr and Layout Plan for the water course crossing, has been addressed for Site preparation and Construction in the EMPr titled "...Pre-Construction and Construction Phase" dated April 2016 as well as for Operations in the EMPr titled "...Operational Phase" dated April 2016.
- The Construction and Operational EMPr dated April 2016 together with the Layout Plan as submitted to DEDEAT, is comparative in all respects with the Environmental Management Plan and the Nxuba Wind Farm Revised Layout Plan submitted and on which the below mentioned approval issued by the Department of Environmental Affairs "DEA" in accordance

with the requirements of the Environmental Authorisation (Ref #: 12/12/20/2290) dated 12 February 2012 (as amended), relate:

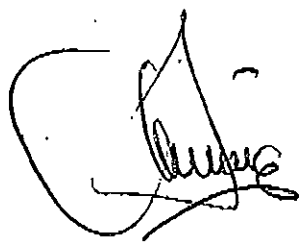
- DEA Approval (Ref #: 12/12/20/2290) titled "Amendment of the Environmental Management Programme (EMPr) for the Proposed Nxuba Wind Farm near Cookhouse, Eastern Cape Province" dated 09 February 2016;
- DEA Approval (Ref #: 12/12/20/2290) titled "Amendment of Environmental Management Programme and the Updated Layout Plan for the Proposed Nxuba Wind Farm and its associated infrastructure on a site near Cookhouse within the Blue Crane Local Municipality, Eastern Cape Province" dated 18 April 2016.
- The "Nxuba Wind Farm Watercourse Crossing Design" dated 03 July 2014 prepared by QUNU Construction as referenced and submitted to DEDEAT, relating to the Environmental Management Plan and the Nxuba Wind Farm Revised Layout Plan to which the above mentioned DEA approval dated 18 April 2016 referred, and which the technical design plan for such structure was approved in terms of the General Authorisation requirements as issued by the Department of Water and Sanitation "DWS" on 30 May 2016:
 - DWS Approval (Ref #: 27/2/2/Q692/3/4) titled "Confirmation of water use authorised in terms of the general authorisation published in terms of Section 39 of the National Water Act, No 36 of 1998: Proposed Nxuba Wind Energy Facility Project, near Cookhouse, Eastern Cape" dated 30 May 2016.
- The representative coordinates for the locality of the watercourse crossing within the ambits of the road reserve (approximately 3-5m in width) along the route alignment for the access road depicted in the Facility Layout Plan (contained in Appendix B of the EMPr) as was approved by the DEA on 18 April 2016, is also comparable with your "Figure 2: Google Image which illustrates the co-ordinates reflected in the GA and the DEDEAT EA issued on the 24 April 2015" provided in letter dated 10 June 2016 stated as aligned with that authorised in the Environmental Authorisation (EC02/C/LN1&3/M/31-2014).
- In respect of the "description of the activity" section contained in the Environmental Authorization (EC02/C/LN1&3/M/31-2014), preliminary volumes of the material to be removed / excavated from the watercourse has been stated as negligible, whilst about 700m³ per crossing will be infilled for the establishment of the culvert structure as part of the associated access road approximately 30m on either side of the drainage line located at coordinates:
 - 32°43'57.47"S; 25°56'15.54"E on Portion 4 of the Farm Van Wyks Kraal 73; and
 - 32°45'36.35"S; 25°57'36.88"E on the Farm Robertskraal 281.

In this regard you are advised as follows:

- [1] The infilling and removal of materials from the drainage line required for the establishment of the water course crossing (culvert) structure within the access roads, spanning 30m either-side of the drainage line, is approved on condition that:
- The activity authorised in terms of Environmental Authorisation (Ref. No. EC02/C/LN1&3/M/31-2014) is undertaken in accordance with the Construction and Operational Environmental Management Plan and Locality Plan as approved by the DEA

(Ref #: 12/12/20/2290) dated 09 February 2016 and 18 April 2016 respectively, as well as conforms with the water use general authorisation requirements for the design plan as issued by the DWS (Ref #: 27/2/2/Q692/3/4) on 30 May 2016.

- [2] All other provisions of the Decision and Environmental Authorisation (Ref. No. EC02/C/LN1&3/M/31-2014) dated 24 April 2015 remain in force and must be adhered to.
- [3] This approval must be attached to the Environmental Authorisation (Ref. No. EC02/C/LN1&3/M/31-2014) dated 24 April 2015 and hereafter is to be regarded as forming part of such document.
- [4] This approval together with the Environmental Authorisation (Ref. No. EC02/C/LN1&3/M/31-2014) dated 23 March 2015 must be read together with the Environmental Authorisation (Reference Number: 12/12/20/2290) issued by the National Department of Environmental Affairs on 12 February 2012 for the Great Fish River Wind Energy Facility and its Associated Infrastructure (a component of the Nxuba Wind Farm), and in accordance with any subsequent amendments and approvals as may have been issued, inclusive of the DEA Approval (Ref #: 12/12/20/2290) dated 09 February 2016 and 18 April 2016.



ANDRIES STRUWIG
ASSISTANT DIRECTOR: EQM
CACADU REGION

DATE: 11 July 2016

COPIES TO: Tebogo Mapinga (Savannah Environmental);

Fax: 0866840547;

E-mail: tebogo@savannahsa.com