

Our reference: 201101

Your reference: DFFE Ref: 2021-03-0009

Date: 28 July 2021

**Physical address:**

Department Forestry, Fisheries and the Environment  
(DFFE)  
Attention: Chief Director: Integrated Environmental  
Authorisations  
Environment House  
473 Steve Biko Road  
Arcadia

Tel no: (012) 399 9404

Email: JMpelane@environment.gov.za

**Postal Address:**

Department of Forestry, Fisheries and the Environment  
Chief Director: Integrated Environmental Authorisations  
Private Bag X447  
Pretoria  
0001

**ATTENTION: Mr JAY-JAY MPELANE**

**SUBMISSION OF DRAFT AMENDMENT REPORT FOR THE MODDERFONTEIN WIND ENERGY FACILITY, LOCATED IN THE BEAUFORT WEST REDZ – PART 2 AMENDMENT APPLICATION.**

On behalf of our Client (**South African Renewable Green Energy (Pty) Ltd.**), please find attached to this cover letter the **draft amendment report (for public review)** for the above listed Renewable Energy project.

The Client (Project Applicant) would like to apply for the following amendment to the current Environmental Authorisation:

Part 2 Amendment: Amend the technical specifications of the existing Environmental Authorisation.

- The Applicant wishes to amend the following authorised specifications of the Wolsley Wind Energy Facility (WEF):
  - ❖ Amendment of the technical design (notably an increase in authorised turbine blade diameter and generating capacity).
  - ❖ Decrease the number of authorised turbines.

Non-substantial Amendments to the EA, included as part of this appendment process.

- ❖ Administratively splitting the environmental authorisations to allow for the independent commercial operation of two separate turbine clusters.
- ❖ Removal of a redundant land parcel, Portion 3 of the farm Noblesfontein 227, from the EA.

The above-mentioned changes require specialist assessments and the compilation of an Amendment Application Report to assess the potential impacts of the proposed material changes. The Draft Amendment Application Report (for Public Participation) is being submitted to your Department for comment.

Please do not hesitate to contact me directly on (021) 701 5228 or (081) 266 7709 should you require any clarification or additional information.

Yours Faithfully,

**Johann Kilian**  
*Senior Environmental Consultant*  
*Terrmanzi Group (Pty) Ltd*



**tel:** +27 21 701 5228 • **fax:** +27 86 558 1213 • **mobile:** +27 82 575 3800

**address:** 5 Devon Air Close, Crofters Valley, Noordhoek 7975 • **postal:** postnet suite 211, private bag x26, tokai, 7966

**email:** info@terramanzi.co.za • **web:** www.terramanzi.co.za • **skype:** terramanzi



# forestry, fisheries & the environment

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

## APPLICATION FORM FOR AMENDMENT OF AN ENVIRONMENTAL AUTHORISATION

Application for amendment to a valid Environmental Authorisation in terms of the National Environmental Management Act, Act No. 107 of 1998, as amended and the Environmental Impact Assessment (EIA) Regulations, 2014, as amended (the Regulations)

### PROJECT TITLE

**Modderfontein Wind Energy Facility, Located in the Beaufort West REDZ - Part 2 Amendment Application.**

Indicate if the **DRAFT** report accompanies the application

Yes   
No

### PRE-APPLICATION CONSULTATION

Was a pre-application meeting held		No	✓
Date of the pre-application meeting	Case Officer (Ref: 2021-03-0009) approved the Public Participation Plans and deemed a pre-application meeting unnecessary		
Reference number of pre-application meeting held	Pre-Application Meeting was not necessary		
Was minutes compiled and submitted to the Department for approval		No	✓

A copy of the pre-application meeting minutes must be appended to this application as **APPENDIX 1**.

### Kindly note the following:

- This form must be used to apply for the Amendment of an Environmental Authorisation where this Department is the Competent Authority. An amendment includes:
  - adding, substituting, removing or changing a condition or requirement of an Environmental Authorisation, or
  - updating or changing any details or correcting a technical error.
- This form is current as of **April 2021**. It is the responsibility of the Applicant / Environmental Assessment Practitioner (EAP) to ascertain whether subsequent versions of the form have been published or produced by the Competent Authority. The latest available Departmental templates are available at <https://www.environment.gov.za/documents/forms>.
- An application fee is applicable (refer to **Section 2**). Proof of payment must accompany this application. The application will not be processed without proof of payment unless one of the exclusions provided for in the Fee Regulations is applicable AND such information in the exclusion section of this application form has been confirmed by this Department.
- A cover letter on your company letterhead indicating the nature of this application must be appended to this form i.e. new application for Environmental Authorisation, updated application for Environmental Authorisation.
- An electronic copy of the signed application form must be submitted of both the Applicant and EAP.
- This form must be marked "**for Attention: Chief Director: Integrated Environmental Authorisations**" and submitted to the Department at the format as prescribed in the process to upload documents form.

7. The required information must be typed within the spaces provided in the form. The sizes of the spaces provided are not necessarily indicative of the amount of information to be provided. Spaces are provided in tabular format and will extend automatically when each space is filled with typing. A legible font type and size must be used when completing the form. The font size should not be smaller than 10pt (e.g. Arial 10).
8. Where applicable black out the boxes that are not applicable in the form.
9. The use of the phrase "not applicable" in the form must be done with circumspection. Where it is used in respect of material information that is required by the Competent Authority for assessing the application, this may result in the rejection of the application as provided for in the Regulations.
10. Unless protected by law, all information contained in and attached to this application, will become public information on receipt by the Competent Authority. Upon request during any stage of the application process, the Applicant / EAP must provide any registered interested and affected party with the information contained in and attached to this application.
11. Should a specialist report or report on a specialised process be submitted at any stage for any part of this application, the terms of reference for such report and declaration of interest of the specialist must also be submitted.
12. Please note that this form must be copied to the relevant Provincial Environmental Department(s).
13. Certified copy/ies of the Environmental Authorisation and all subsequent Amendments thereto, if applicable must be attached to this application as **APPENDIX 2**. Should a certified copy/ies of the Environmental Authorisation and subsequent Amendments thereto not be available an original commissioned Affidavit/Affirmation under oath undertaken by the must be appended to this application form.
14. An application for Amendment of the Environmental Authorisation lapses if the applicant fails to meet any of the timeframes prescribed in terms of the EIA Regulations, 2014, as amended.

#### **Departmental Details**

##### **Online Submission:**

EIAapplications@environment.gov.za or <https://sfiler.environment.gov.za:8443/>.

**Please read the process for uploading files to determine how files are to submitted to this Department**

##### **Postal address:**

Department of Forestry, Fisheries and the Environment  
Attention: Chief Director: Integrated Environmental Authorisations  
Private Bag X447  
Pretoria  
0001

##### **Physical address:**

Department of Forestry, Fisheries and the Environment  
Attention: Chief Director: Integrated Environmental Authorisations  
Environment House  
473 Steve Biko Road  
Arcadia

Queries must be directed to the Directorate: Coordination, Strategic Planning and Support at:  
Email: EIAAdmin@environment.gov.za

## 1. COMPETENT AUTHORITY

Identified Competent Authority to consider the application:  
Reason(s) in terms of S24C of NEMA:

<b>Department of Forestry, Fisheries and the Environment (DFFE)</b>
<b>This Project forms part of the Department of Energy's national programme and all related applications are therefore handled and processed by the DFFE.</b>

## 2. FEES

Applicants are required to tick the appropriate box below to indicate that either proof of payment is attached or that, in the applicant's view, an exclusion applies. Proof of payment or a motivation for exclusions must be attached as **APPENDIX 3** of this application form.

Proof of payment attached	Yes	
Payment Reference Number	-31.748481/23.271742	
Exclusion in terms of Regulation 2(a) or 2(b) of GNR 141 of 28 February 2014		No

An applicant is excluded from paying fees if:

- The activity is a community based project funded by a government grant; or
- The applicant is an organ of state.

TYPE OF EXCLUSION	Tick where applicable. Proper motivation must be attached to the application
The activity is a community based project funded by a government grant	N/A
The applicant is an organ of state	N/A

FEE AMOUNT	Fee
Application for an Amendment of an Environmental Authorisation	R2 000

Department of Department of Forestry, Fisheries and the Environment banking details for the payment of application fees:

<p><b>Payment Enquiries:</b> Email: <a href="mailto:eiafee@environment.gov.za">eiafee@environment.gov.za</a></p> <p><b>Banking details:</b> ABSA Bank Branch code: 632005 Account number: 1044 2400 72 Current account</p> <p><b>Reference number :</b> Reference number to be provided in the specific format indicating centre point coordinates of site in decimal degrees to 5 or 6 decimal places: latitude/longitude eg. -33.918861/18.423300</p> <p><b>Status:</b> Tax exempted</p>
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### 3. GENERAL INFORMATION

Name in which the EA was issued to	Mr. Pieter Francois Roux		
Name of the Applicant:	South African Renewable Green Energy (Pty) Ltd.		
RSA Identity/ Passport Number:	N/A		
Name of contact person for applicant (if other):	Mr Pieter Francois Roux		
RSA Identity/ Passport Number:	6308135142082		
Responsible position, e.g. Director, CEO, etc.:	Director		
Company/ Trading name (if any):	South African Renewable Green Energy (Pty) Ltd.		
Company Registration Number:	2010/013989/07		
BBBEE status:	Level 8		
Physical address:	33 Sillery Avenue , Constantia, Cape Town, Western Cape		
Postal address:	33 Sillery Avenue , Constantia, Cape Town, Western Cape		
Postal code:	7806	Cell:	076 435 4241
Telephone:	021 795 5242	Fax:	N/A
E-mail:	francois@sarge.co.za		

Name of the landowner:	Henk Marais		
Name of contact person for landowner (if other):	N/A		
Postal address:	P.O. Box 181 Victoria West		
Postal code:	7070	Cell:	082 687 6495
Telephone:	N/A	Fax:	N/A
E-mail:	henkinguni@gmail.com		

Name of Person in control of the land:	See Landowner details above		
Name of contact person for person in control of the land:			
Postal address:			
Postal code:		Cell:	
Telephone:		Fax:	
E-mail:			

In instances where there is more than one landowner, please attach a list of those landowners with their contact details as **APPENDIX 4**.

Certified copy/ies of the Environmental Authorisation and subsequent Amendments thereto, if applicable must be attached to this application as **APPENDIX 2**. Should a certified copy/ies of the Environmental Authorisation and subsequent Amendments thereto not be available an original commissioned Affidavit/Affirmation under oath undertaken by the must be appended to this application form

Provincial Environmental Authority:	<b>Northern Cape Department of Environment and Nature Conservation</b>		
Name of contact person:	<b>Mr Denver van Heeden</b>		
Postal address:	<b>Private Bag X6010, KIMBERLEY</b>		
Postal code:	<b>8300</b>	Cell:	<b>083 625 6437 / 073 470 7026</b>
Telephone:	<b>053 807 7306</b>	Fax:	<b>053 832 7842</b>
E-mail:	<b>dvaheeden@ncpg.gov.za</b>		

Local Municipality:	<b>Ubuntu local Municipality (Ward 3)</b>		
Name of contact person in (Environmental Section)	<b>Sharon Jantjies</b>		
Postal address:	<b>Private Bag X329 Victoria West</b>		
Postal code:	<b>7070</b>	Cell:	<b>-</b>
Telephone:	<b>053 6210026</b>	Fax:	<b>053 6210368</b>
E-mail:	<b>ubuntumunic@gmail.com info@ubuntu.gov.za</b>		

Provincial Environmental Authority:	<b>Western Cape Department of Environmental Affairs and Development Planning (DEA&amp;DP)</b>		
Name of contact person:	<b>Ms Adri La Meyer</b>		
Postal address:	<b>Private Bag X9086 Cape Town</b>		
Postal code:	<b>8000</b>	Cell:	<b>-</b>
Telephone:	<b>214 832 887</b>	Fax:	<b>-</b>
E-mail:	<b>adri.Lameyer@westerncape.gov.za</b>		

Local Municipality:	<b>Beaufort West Local Municipality (Ward 1)</b>		
Name of contact person in (Environmental Section)	<b>Mr Jafta Booysen</b>		
Postal address:	<b>Private Bag X582, BEAUFORT WEST</b>		
Postal code:	<b>6970</b>	Cell:	<b>-</b>
Telephone:	<b>023 414 8100 / 023 414 8020</b>	Fax:	<b>023 414 8105</b>
E-mail:	<b>jaffie@beaufortwestmun.co.za</b>		

In instances where there is more than one Local/Provincial Authority involved, please attach a list of those Local/Provincial Authorities with their contact details.

#### 4. ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) INFORMATION

Company of Environmental Assessment Practitioner:	<b>Terramanzi Group (Pty) Ltd</b>		
B-BBEE	Contribution level (indicate 1 to 8 or non-compliant)	<b>4</b>	Percentage Procurement recognition
EAP name:	<b>Mr. Johann Kilian</b>		
EAP Qualifications:	<b>BSc [Earth Science] BSc [Hons] Geo.</b>		
Professional affiliation/registration:	<b>SACNASP registration no.: Pr.Sci.Nat Earth Science 400050/17</b>		
Physical address:	<b>5 Devon Air Close, Crofters Valley, Noordhoek,7975</b>		
Postal address:	<b>Postnet suite 211, Private Bag X26, Tokai</b>		
Postal code:	<b>7966</b>	Cell:	<b>(081) 266 7709</b>
Telephone:	<b>(021) 701 5228</b>	Fax:	<b>(086) 558 1213</b>
E-mail:	<b>environmental@terramanzi.co.za</b>		

The appointed EAP must meet the requirements of Regulation 13 of GN R982 of 04 December 2014, as amended.

If appointed, the declaration of independence of the EAP and undertaking under oath or affirmation that all the information submitted or to be submitted for the purposes of the application is true and correct must be submitted as **APPENDIX 5**

### STRATEGIC INFRASTRUCTURE PROJECTS

<p><b>SIP 1: Unlocking the northern mineral belt with Waterberg as the catalyst</b></p> <ul style="list-style-type: none"> <li>• Unlock mineral resources</li> <li>• Rail, water pipelines, energy generation and transmission infrastructure</li> <li>• Thousands of direct jobs across the areas unlocked</li> <li>• Urban development in Waterberg - first major post-apartheid new urban centre will be a “green” development project</li> <li>• Rail capacity to Mpumalanga and Richards Bay</li> <li>• Shift from road to rail in Mpumalanga</li> <li>• Logistics corridor to connect Mpumalanga and Gauteng.</li> </ul>	
<p><b>SIP 2: Durban-Free State-Gauteng logistics and industrial corridor</b></p> <ul style="list-style-type: none"> <li>• Strengthen the logistics and transport corridor between SA’s main industrial hubs</li> <li>• Improve access to Durban’s export and import facilities</li> <li>• Integrate Free State Industrial Strategy activities into the corridor</li> <li>• New port in Durban</li> <li>• Aerotropolis around OR Tambo International Airport.</li> </ul>	
<p><b>SIP 3: South-Eastern node &amp; corridor development</b></p> <ul style="list-style-type: none"> <li>• New dam at Mzimvubu with irrigation systems</li> <li>• N2-Wild Coast Highway which improves access into KwaZulu-Natal and national supply chains</li> <li>• Strengthen economic development in Port Elizabeth through a manganese rail capacity from Northern Cape</li> <li>• A manganese sinter (Northern Cape) and smelter (Eastern Cape)</li> <li>• Possible Mthombo refinery (Coega) and transshipment hub at Ngqura and port and rail upgrades to improve industrial capacity and performance of the automotive sector.</li> </ul>	
<p><b>SIP 4: Unlocking the economic opportunities in North West Province</b></p> <ul style="list-style-type: none"> <li>• Acceleration of investments in road, rail, bulk water, water treatment and transmission infrastructure</li> <li>• Enabling reliable supply and basic service delivery</li> <li>• Facilitate development of mining, agricultural activities and tourism opportunities</li> <li>• Open up beneficiation opportunities in North West Province.</li> </ul>	
<p><b>SIP 5: Saldanha-Northern Cape development corridor</b></p> <ul style="list-style-type: none"> <li>• Integrated rail and port expansion</li> <li>• Back-of-port industrial capacity (including an IDZ)</li> <li>• Strengthening maritime support capacity for oil and gas along African West Coast</li> <li>• Expansion of iron ore mining production and beneficiation.</li> </ul>	
<p><b>SIP 6: Integrated municipal infrastructure project</b></p> <p>Develop national capacity to assist the 23 least resourced districts (19 million people) to address all the maintenance backlogs and upgrades required in water, electricity and sanitation bulk infrastructure. The road maintenance programme will enhance service delivery capacity thereby impacting positively on the population.</p>	
<p><b>SIP 7: Integrated urban space and public transport programme</b></p> <p>Coordinate planning and implementation of public transport, human settlement, economic and social infrastructure and location decisions into sustainable urban settlements connected by densified transport corridors. This will focus on the 12 largest urban centres of the country, including all the metros in South Africa. Significant work is underway on urban transport integration.</p>	

<p><b>SIP 8: Green energy in support of the South African economy</b> Support sustainable green energy initiatives on a national scale through a diverse range of clean energy options as envisaged in the Integrated Resource Plan (IRP2010) and support bio-fuel production facilities.</p> <p><i>Indicate capacity in MW:</i></p>	
<p><b>SIP 9: Electricity generation to support socioeconomic development</b> Accelerate the construction of new electricity generation capacity in accordance with the IRP2010 to meet the needs of the economy and address historical imbalances. Monitor implementation of major projects such as new power stations: Medupi, Kusile and Ingula.</p> <p><i>Indicate capacity in MW:</i></p>	
<p><b>SIP 10: Electricity transmission and distribution for all</b> Expand the transmission and distribution network to address historical imbalances, provide access to electricity for all and support economic development. Align the 10-year transmission plan, the services backlog, the national broadband roll-out and the freight rail line development to leverage off regulatory approvals, supply chain and project development capacity.</p>	
<p><b>SIP 11: Agri-logistics and rural infrastructure</b> Improve investment in agricultural and rural infrastructure that supports expansion of production and employment, small-scale farming and rural development, including facilities for storage (silos, fresh-produce facilities, packing houses); transport links to main networks (rural roads, branch train-line, ports), fencing of farms, irrigation schemes to poor areas, improved R&amp;D on rural issues (including expansion of agricultural colleges), processing facilities (abattoirs, dairy infrastructure), aquaculture incubation schemes and rural tourism infrastructure.</p>	
<p><b>SIP 12: Revitalisation of public hospitals and other health facilities</b> Build and refurbish hospitals, other public health facilities and revamp 122 nursing colleges. Extensive capital expenditure to prepare the public healthcare system to meet the requirements of the National Health Insurance (NHI) system. The SIP contains major builds for 6 hospitals.</p>	
<p><b>SIP 13: National school build programme</b> A national school build programme driven by uniformity in planning, procurement, contract management and provision of basic services. Replace inappropriate school structures and address basic service backlog and provision of basic services under the Accelerated School Infrastructure Delivery Initiative (ASIDI). In addition, address national backlogs in classrooms, libraries, computer labs and admin buildings. Improving the learning environment will strengthen outcomes especially in rural schools, as well as reduce overcrowding.</p>	
<p><b>SIP 14: Higher education infrastructure</b> Infrastructure development for higher education, focusing on lecture rooms, student accommodation, libraries and laboratories, as well as ICT connectivity. Development of university towns with a combination of facilities from residence, retail to recreation and transport. Potential to ensure shared infrastructure such as libraries by universities, FETs and other educational institutions. Two new universities will be built - in Northern Cape and Mpumalanga.</p>	
<p><b>SIP 15: Expanding access to communication technology</b> Provide for broadband coverage to all households by 2020 by establishing core Points of Presence (POPs) in district municipalities, extend new Infracore fibre networks across provinces linking districts, establish POPs and fibre connectivity at local level, and further penetrate the network into deep rural areas. While the private sector will invest in ICT infrastructure for urban and corporate networks, government will co-invest for township and rural access, as well as for e-government, school and health connectivity. The school roll-out focus is initially on the 125 Dinaledi (science and maths-focussed) schools and 1525 district schools. Part of digital access to all South Africans includes TV migration nationally from analogue to digital broadcasting.</p>	
<p><b>SIP 16: SKA &amp; Meerkat</b></p>	

<p>SKA is a global mega-science project, building an advanced radio-telescope facility linked to research infrastructure and high-speed ICT capacity and provides an opportunity for Africa and South Africa to contribute towards global advanced science projects.</p>	
<p><b>SIP 17: Regional integration for African cooperation and development</b>  Participate in mutually beneficial infrastructure projects to unlock long-term socio-economic benefits by partnering with fast growing African economies with projected growth ranging between 3% and 10%.  The projects involving transport, water and energy also provide competitively-priced, diversified, short and medium to long-term options for the South African economy where, for example, electricity transmission in Mozambique (Cesul) could assist in providing cheap, clean power in the short-term whilst Grand Inga in the DRC is long-term. All these projects complement the Free Trade Area (FTA) discussions to create a market of 600 million people in South, Central and East Africa.</p>	
<p><b>SIP 18: Water and sanitation infrastructure</b>  A 10-year plan to address the estimated backlog of adequate water to supply 1.4m households and 2.1m households to basic sanitation.  The project will involve provision of sustainable supply of water to meet social needs and support economic growth. Projects will provide for new infrastructure, rehabilitation and upgrading of existing infrastructure, as well as improve management of water infrastructure.</p>	
<p><b>SIP 19: Water and Sanitation</b>  a. Vaal River System including Phase 2 of the Lesotho Highlands Water Project: Gauteng  b. Phase 2A of the Mokolo Crocodile River (West) Augmentation Project: Limpopo  c. uMkhomazi Water Project: KwaZulu Natal  d. Olifants River Water Resource Development Project - Phase 2: Limpopo  e. Vaal-Gamagara: Northern Cape  f. Mzimvubu Water Project: Eastern Cape  g. Rehabilitation of the Vaalharts-Taung Irrigation Scheme: Northern Cape &amp; North West  h. Groot Letaba River Water Development Project - Nwamitwa Dam: Limpopo  i. Berg River Voëlvele Augmentation Scheme: Western Cape  j. Rustfontein Water Treatment Works: Free State  k. Orange-Riet Canal Increase of Bulk Raw Water Supply: Free State</p>	
<p><b>SIP 20: Energy</b>  a. Emergency/Risk Mitigation Power Purchase Procurement Programme (2000MW): National  b. Small IPP Power Purchase Procurement Programme (100MW): National  c. Embedded Generation Investment Programme (EGIP)-400MW: National</p>	
<p><b>SIP 21: Transport</b>  a. N1 Windburg Interchange to Windburg Station: Free State  b. N1 Musina Ring Road: Limpopo  c. N1 Polokwane Eastern Ring Rd Phase 2: Limpopo  d. N1 Ventersburg to Kroonstad: Free State (2 projects in One)  e. N2 Mtunzini Toll Plaza to Empangeni T-Junction: KwaZulu Natal. N3 Cato Ridge to Dardenelles: KwaZulu Natal  g. N3 Dardenelles to Lynnfield Park: KwaZulu Natal  h. N3 Paradise Valley to Mariannhill Toll Plaza: KwaZulu Natal  i. N2 Edwin Swales to South of EB Cloete Interchange: KwaZulu Natal  j. N3 Ashburton Interchange to Murray Road: KwaZulu Natal  k. N3 Mariannhill Toll Plaza to Key Ridge: KwaZulu Natal  l. N2 EB Cloete Interchange: KwaZulu Natal  m. Small Harbours Development: National  n. N3 New alignment via De Beers Pass: Free State  o. Boegoebaai Port and Rail Infrastructure Project: Northern Cape</p>	
<p><b>SIP 22: Digital Infrastructure</b>  a. National Spatial Infrastructure Hub</p>	

<p><b>SIP 23: Agriculture and Agro-processing</b>  a. Marine Tilapia Industry: Eastern Cape  b. Natural Dehydrated Foods: Mpumalanga</p>	
<p><b>SIP 24: Human Settlements</b>  a. Greater Cornubia: KwaZulu-Natal  b. Vista Park II &amp; III: Free State  c. Lufhereng: Gauteng  d. Malibongwe Ridge: Gauteng  e. N2 Nodal Development: Eastern Cape  f. Matlosana N12 West: North West  g. Green Creek: Gauteng  h. Mooikloof Mega Residential City: Gauteng  i. Fochville Extension 11: Gauteng  j. Germiston Ext 4 Social Housing Project: Gauteng  k. Newcastle Hospital Street Social Housing Project: KwaZulu Natal  l. Hull Street Social Housing Project Phase 1: Northern Cape  m. Kwandokuhle Social Housing Project: Mpumalanga  n. Phola Heights - Tembisa Social Housing Project: Gauteng  o. Sondela Phase 2: Gauteng  p. Willow Creek Estate: Mpumalanga  q. Joe's Place Social Housing: Gauteng  r. Jeppetown Social Housing Project (Unity House): Gauteng</p>	
<b>SIP 25: Rural Bridges "Welisizwe" Programme</b>	
<b>SIP 26: Rural Roads Upgrade Programme</b>	
<b>SIP 27: Upgrading and Repair of Township Roads in Municipalities Programme</b>	
<b>SIP 28: PV and Water Savings on Government Buildings Programme</b>	
<b>SIP 29: Comprehensive Urban Management Programme</b>	
<b>SIP 30: Digitising of Government Information Programme</b>	
<b>SIP 31: Removal of Alien Vegetation and Innovative Building Materials Programme</b>	
<b>SIP 32: National Upgrading Support Programme (NUSP)</b>	
<b>SIP 33: Solar Water Initiatives Programme</b>	
<b>SIP 34: Student Accommodation</b>	
<b>SIP 35: SA Connect Phase 1B Programme</b>	
<b>SIP 36: Salvokop Precinct</b>	

**PLEASE ATTACH PROOF FROM THE RELEVANT SIP CO-ORDINATOR FOR EACH OF THE SIP PROJECT SELECTED.**

APPENDIX 6.

5. DETAILS OF IMPLEMENTATION OF PREVIOUS ENVIRONMENTAL AUTHORISATION

Reference Number of EA:	DEA Ref: 12/12/20/1993/3
Date EA issued:	22 February 2012
Reference Number of all amendments issued with its respective dates:	DEA Ref: 12/12/20/1993/3/AM1 - 4 February 2014 DEA Ref: 12/12/20/1993/3/AM2 - 8 February 2017 DEA Ref: 12/12/20/1993/3/AM3 - 13 February 2020
Date EA expires: N.B. Regulation 28(1)(A) of the EIA Regulations 2014, as amended states that <i>“The competent authority shall not accept or process an application for amendment of an environmental authorisation if such environmental authorisation is not valid on the day of receipt of such amendment application...”</i>	The existing environmental authorisation is valid until 22 February 2022

Was the activity commenced with during the validity period of the environmental authorisation? If yes, please describe the implementation of the previous environmental authorisation to date:	NO
No activities have commenced to date.	

6. AMENDMENTS APPLIED FOR AND RELATED INFORMATION

Please indicate if the amendment being applied for falls within the ambits of a Part 1 of Part 2 amendment, as outlined in Chapter 5 of the EIA Regulations, 2014 as amended.

	Part 2
	A Part 2 Amendment is being applied for.

Please note, that whilst this has been indicated, the Department will when acknowledging receipt agree or disagree with the amendment being applied for, and the process to be followed must be that as outlined in the official acknowledgement letter.

Does the project form part of a Renewable Energy Development Zone (REDZ) as per GN 114?	YES	
Does the project form part of an Electricity Grid Infrastructure (EGI) as per GN 113?		NO
Does the project form part of any of the Strategic Infrastructure Projects (SIPs) as described in the National Development Plan, 2011?		NO
Did you attached the confirmation of SIP obtained from the relevant sector representative (SIP Coordinators) and not a motivation from an EAP		NO

If YES, is selected:

- For an application in terms of GN 113 and/or 114, then a map confirming this must be attached;
- For a SIP project, kindly indicate which SIPs are applicable in APPENDIX 5 and attach the confirmation of SIP applications from the relevant sector representative in APPENDIX 5. Should no proof be provided, the application will be considered as a normal EIA Application.

Please indicate which of the following is relevant:

6.1. The holder of an environmental authorisation may at any time apply to the relevant Competent Authority for the amendment of the authorisation if:

(a) there is a material change in the circumstances which existed at the time of the granting of the environmental authorisation;	YES	
(b) there has been a change of ownership in the property and transfer of rights and obligations must be provided for; or	YES	
(c) any detail contained in the environmental authorisation must be amended, added, substituted, corrected, removed or updated.	YES	

Describe the amendments that are being applied for:

**Part 2 Amendment Process**

**Substantive amendment:**

The Applicant wishes to upgrade the technical specifications of the wind turbines of the authorised Modderfontein Wind Energy Facility (WEF) to increase the generating capacity of each turbine from 3 MW to 5,6 MW. The wind turbine hub height will be decreased from a maximum of 125m to a maximum of 119m, the rotor diameter increased from a maximum of 110m to a maximum of 162m, and the number of turbines decreased from 67 to 34.

**Non-substantive component:**

The 34 turbines will be divided into two clusters to allow the applicant and technical partner to be granted separate EAs. Cluster A (9 turbines, 50.4MW) will be managed by the applicant, SARGE, and Cluster B (25 turbines, 140MW) will be managed by Modderfontein (Pty) Ltd.

An EMPr is being included for approval, as no site specific EMPr exists for the Modderfontein WEF.

Portion 3 of the farm Noblesfontein 227 is being removed from the EA, as no development is currently authorised on this land parcel and no development is proposed over this land parcel.

Please provide the reasons and/or a motivation for the application for amendment:

The amendment to the authorised WEF is based on changes and improvements in the technologies employed for wind energy facilities. As such, should the amendment not be granted, the latest, most efficient wind energy technologies will not be available to the developer for implementation as part of the Renewable Energy Independent Power Producer Procurement Programme (REIPPPP). This could mean that the applicant would need to install the original number of turbines as opposed to installing less turbines with the newer turbine technology. This will result in a loss of the WEF's efficiency.

Should the amendment being requested result due to 6.1 (b) above, you are required to furnish the Department with a written undertaking that the new holder of the environmental authorisation is willing and able to assume responsibility of the environmental authorisation issued. Provide a short motivation and explanation below:

The Amendment proposes that the 34 turbines will be divided into two clusters to allow the applicant and technical partner to be granted separate EAs. Cluster A (9 turbines, 50.4MW) will be managed by the applicant, SARGE, and Cluster B (25 turbines, 140MW) will be managed by Modderfontein (Pty) Ltd.

As such a written undertaking that the new holder of the environmental authorisation, Modderfontein (Pty) Ltd., is willing and able to assume responsibility for one of the two environmental authorisations issued is provided in Appendix 7.



## 7. ENVIRONMENTAL IMPACTS

Describe any negative environmental impacts that may occur if the application for amendment is granted, amongst others information on any increases in air emissions, waste generation, discharges to water and impacts of the natural or cultural environment must be included.

The proposed material changes to the current Modderfontein WEF Environmental Authorisation are not likely to result in any additional negative environmental impacts compared to the existing authorised project, and any possible increase in impacts will likely be offset by the reduced number of wind turbine generators. Revised specialist assessments have however been undertaken. The respective specialist impact assessments and associated recommendations have been collated into an Amendment Report (which is being released for stakeholder and authority review) and will thereafter be finalised for submission to the DFFE for decision. The findings of these independent assessments indicate that the proposed amendments will decrease the environmental impacts resulting from the Modderfontein WEF.

Describe any negative environmental impacts that may occur if the application for amendment is not granted.

The amendment to the authorised WEF is based on changes and improvements in the technologies employed for WEFs. As such, should the amendment not be granted, the latest, most efficient wind energy technologies will not be available to the developer for implementation as part of the REIPPPP. This could mean that the applicant would need to install the original number of turbines with a lower energy output as opposed to installing less turbines with the newer turbine technology with higher energy output. This will result in a loss of the WEF efficiency.

Furthermore, independent specialist impact assessments indicate that the proposed amendment will decrease the negative environmental impacts resulting from construction of the Modderfontein WEF, relative to the authorised layout, and will result in an increase to a number of positive impacts.

Describe any positive environmental impacts that may occur if the application for amendment is granted, amongst others information on any reduction in the ecological footprint, air emissions, waste generation and discharges to water must be included.

The potential advantages of the proposed amendments to the authorised Modderfontein WEF are noted as follows:

- No additional environmental impacts associated with the current proposed amendment as compared to what the DEA already approved in the Environmental Authorisation (dated 22 February 2012 with reference no: 12/12/20/1993/3), and in all subsequent amendments to the EA (DEA Ref: 12/12/20/1993/3/AM1, DEA Ref: 12/12/20/1993/3/AM2 and DEA Ref: 12/12/20/1993/3/AM3).
- The latest, most efficient wind energy technology will be available to the developer for implementation, allowing for efficient generation of energy supply.
- More energy will be produced from fewer turbines. This will allow for greater efficiency of the WEF Project in supplying electricity to the national grid.
- Independent Specialists indicate that the proposed amendment will decrease the negative environmental impacts resulting from construction of the Modderfontein WEF, relative to the authorised layout, and will result in an increase to a number of positive impacts.
- The increased efficiency of the facility, and consequently the economic competitiveness thereof, will help to reduce the electricity tariffs charged by the facility.

The specialist impacts and associated recommendations have been collated into an Amendment Report (which is being released for stakeholder and authority review) and thereafter finalised for submission to the DFFE for decision.

**8. AUTHORISATION FROM OTHER GOVERNMENT DEPARTMENTS**

Are any permission, licenses or other authorisations required from any other departments before the requested amendments can be effected?		NO
---	--	----

If yes, please complete the table below.

Name of department and contact person	Authorisation required	Authorisation applied for (Yes/ No)
N/A	N/A	N/A

**9. RIGHTS OR INTERESTS OF OTHER PARTIES**

In your opinion, will this proposed amendment adversely affect the rights and interests of other parties?		NO
---	--	----

Please provide a detailed motivation of your opinion.

**The EAP is of the opinion that the proposed amendment will not adversely affect the rights and interests of other parties, because the proposed Part 2 Amendment will constitute technical specification changes to the already authorised WEF footprint and is therefore not expected to have any additional impacts than what was previously assessed (12/12/20/1993/3), and in all subsequent amendments to the EA (DEA Ref: 12/12/20/1993/3/AM1, DEA Ref: 12/12/20/1993/3/AM2 and DEA Ref: 12/12/20/1993/3/AM3)**

**Any potential impacts have been assessed by specialists and included in the Amendment Application Report.**

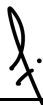
**NOTE: The Department is entitled to request further information if it believes it is necessary for the consideration of the application. If the application is for a substantive amendment or if the rights or interests of other parties are likely to be adversely affected, the Department will instruct the applicant to conduct a public participation process and to conduct any investigations and assessments that it deems necessary.**

**10. LIST OF APPENDICES**

		SUBMITTED	
APPENDIX 1	Copy of the pre-application meeting minutes	YES	
APPENDIX 2	Certified copy/ies of the Environmental Authorisation and all subsequent Amendments thereto or original commissioned Affidavit/Affirmation under oath	YES	
APPENDIX 3	Proof of Payment / Motivation for exclusion	YES	
APPENDIX 4	List of land owners (with contact details) and land owners consent	YES	
APPENDIX 5	Strategic Infrastructure Projects		NO
APPENDIX 6	Declaration of independence of the EAP and undertaking under oath or affirmation, if appointed	YES	
APPENDIX 7	Written undertaking that the new holder of the environmental authorisation is willing and able to assume responsibility of the environmental authorisation issued.	YES	

**11. DECLARATION**

I, **Pieter Francois Roux**, declare that I will comply with all my legal obligations in terms of this application and provide accurate information to everyone concerned in respect to this application.



---

Signature of the Applicant:

**South African Renewable Green Energy (Pty) Ltd.**

---

Name of Company or Organisation:

26 July 2021

---

Date:

**APPENDIX 1  
COPY OF THE PRE-APPLICATION MEETING MINUTES**

**This Appendix Includes**

- **Email: No Need for Pre-App Meeting**
- **Email: Case Officer Assigned**
- **Copy of PP Plan**
- **Email: PPP Approval**

**APPENDIX 1  
COPY OF THE PRE-APPLICATION MEETING MINUTES**

**Email: No Need for Pre-App Meeting**

**From:** [Jay-Jay Mpelane](#)  
**To:** [Megan Loftie-Eaton](#)  
**Cc:** [Lerato Mokoena](#)  
**Subject:** RE: 2021-03-0009  
**Date:** Tuesday, 09 March 2021 14:51:25  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image003.png](#)

---

Dear Megan Loftie-Eaton,

Acknowledgement of receipt of the request for a pre-application meeting for the Modderfontein Wind Energy Facility - Amendment Application.

Please note that there is no need for the pre-app meeting for the abovementioned project. You may proceed with the process of lodging the application form for the project.

Yours sincerely,

Jay.

012 399 9404.

---

**From:** EIA Applications [mailto:EIAApplications@environment.gov.za]  
**Sent:** 09 March 2021 08:52 AM  
**To:** Jay-Jay Mpelane  
**Cc:** Lerato Mokoena; Wayne Hector; [megan@terramanzi.co.za](mailto:megan@terramanzi.co.za)  
**Subject:** 2021-03-0009

Dear Jay-Jay.

Please note that you have been allocated an application:

**Type of Application:** Pre-Application Meeting Request;  
**Reference Number:** 2021-03-0009;  
**Date Received:** 04/03/2021;  
**Action Required:** Decide on meeting request.

Kindly let Ephron know which date the meeting is to be held, if it will be set.

\*EAP/Applicant: please use this reference number when submitting the application for EA/amendment application (page 1 of the application form), as well as attach the approved PP Plan if the application requires a PP process.

#### **EIA Applications**

Integrated Environmental Authorisations  
Department of Environment, Forestry and Fisheries

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**You are advised that this mailbox has a 48 hour response time.**

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---

**From:** Megan Loftie-Eaton <[megan@terramanzi.co.za](mailto:megan@terramanzi.co.za)>

**Sent:** 04 March 2021 10:34 AM

**To:** EIA Applications

**Cc:** TMG Environmental Services

**Subject:** Request for Pre-Application Meeting: Modderfontein Wind Energy Facility - Amendment Application



Dear Sir/Madam,

We trust this email finds you well.

Please find attached a Cover Letter and all necessary documents for a Pre-Application Meeting Request for an Amendment Application for Modderfontein Wind Energy Facility, DEFF Reference Number 2/12/20/1993/3.

Please do not hesitate to contact us should you require additional information.

Kind regards,

**Dr Megan Loftie-Eaton**  
Senior Environmental Consultant

e: [megan@terramanzi.co.za](mailto:megan@terramanzi.co.za)  
t: (021) 7015228 | c: 076 590 1511 | f: 086 558 1213  
5 Devon Air Close, Crofters Valley, Noordhoek, 7975 [View Map](#)



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**APPENDIX 1  
COPY OF THE PRE-APPLICATION MEETING MINUTES**

**Email: Case Officer Assigned**



**From:** [EIA Applications](#)  
**To:** [Jay-Jay Mpelane](#)  
**Cc:** [Lerato Mokoena](#); [Wayne Hector](#); [Megan Loftie-Eaton](#)  
**Subject:** 2021-03-0009  
**Date:** Tuesday, 09 March 2021 08:52:29  
**Attachments:** [RSImage.png](#)  
[RSImage.png](#)  
[RSImage.png](#)  
[201101 - Modderfontein WEF - Part 2 AA - Request for Pre-Application Meeting - Cover Letter 04 March 2021.pdf](#)  
[201101- Modderfontein WEF - Request for Pre-application Meeting - 04 March 2021.pdf](#)  
[APPENDIX 1 - Meeting Agenda - Modderfontein WEF Amendment - 04 March 2021.pdf](#)  
[APPENDIX 2 - Site Locality Map - Modderfontein WEF Amendment - 04 March 2021.pdf](#)  
[APPENDIX 3A - Modderfontein WEF Amendment - Environmental Authorisation and Extensions - 11 January 2021.pdf](#)  
[APPENDIX 3B - Modderfontein WEF Amendment - Correspondence with DEFF - EA Split - 27 October 2020.pdf](#)  
[2021-03-0009 DB Output.pdf](#)

---

Dear Jay-Jay.

Please note that you have been allocated an application:

**Type of Application:** Pre-Application Meeting Request;

**Reference Number:** 2021-03-0009;

**Date Received:** 04/03/2021;

**Action Required:** Decide on meeting request.

Kindly let Ephron know which date the meeting is to be held, if it will be set.

\*EAP/Applicant: please use this reference number when submitting the application for EA/amendment application (page 1 of the application form), as well as attach the approved PP Plan if the application requires a PP process.

### **EIA Applications**

Integrated Environmental Authorisations  
Department of Environment, Forestry and Fisheries

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**From:** Megan Loftie-Eaton <megan@terramanzi.co.za>  
**Sent:** 04 March 2021 10:34 AM  
**To:** EIA Applications  
**Cc:** TMG Environmental Services  
**Subject:** Request for Pre-Application Meeting: Modderfontein Wind Energy Facility - Amendment Application

# Celebrating a Decade of Service Excellence



Dear Sir/Madam,

We trust this email finds you well.

Please find attached a Cover Letter and all necessary documents for a Pre-Application Meeting Request for an Amendment Application for Modderfontein Wind Energy Facility, DEFF Reference Number 2/12/20/1993/3.

Please do not hesitate to contact us should you require additional information.

Kind regards,

**Dr Megan Loftie-Eaton**  
Senior Environmental Consultant

e: [megan@terramanzi.co.za](mailto:megan@terramanzi.co.za)  
t: (021) 7015228 | c: 076 590 1511 | f: 086 558 1213  
5 Devon Air Close, Crofters Valley, Noordhoek, 7975 [View Map](#)



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**APPENDIX 1  
COPY OF THE PRE-APPLICATION MEETING MINUTES**

**Copy of PP Plan  
and  
Email: PPP Approval**

Our reference: 201101

Your reference: 2021-03-0009

Date: 06 July 2021

**Physical address:**

Department of Forestry, Fisheries and the Environment  
Attention: Chief Director: Integrated Environmental  
Authorisations  
Environment House  
473 Steve Biko Road  
Arcadia

**Postal Address:**

Department of Forestry, Fisheries and the Environment  
Chief Director: Integrated Environmental Authorisations  
Private Bag X447  
Pretoria  
0001

**Attention: Jay-Hay Mpelane - Department of Department of Forestry, Fisheries and the Environment  
(Integrated Environmental Authorisations)**

Dear Jay-Jay,

**MODDERFONTEIN WIND ENERGY FACILITY - TECHNICAL SPECIFICATION UPGRADE - PART  
TWO AMENDMENT APPLICATION - PUBLIC PARTICIPATION PLAN**

The proposed Part Two Amendment Process is for a Technical Specification Upgrade to increase the energy generating capacity of the authorized Modderfontein Wind Energy Facility (WEF) wind turbine generators from 3MW to up to 5.6MW per turbine and decreasing the number of turbines from 67 to 34, for a total of up to 190.4MW. This is being applied for in conjunction with a Part One Amendment process to split the amended turbines into two clusters - 25 turbines (140 MW) and 9 turbines (50.4MW) - each with their own separate Environmental Authorisations.

**Modderfontein WEF - Part 2 Amendment Application - Public Participation Plan**

To comply with the requirements of **Regulations 39-44 of the EIA Regulations** (2014, as amended), stakeholders will be notified through the following mechanisms:

- A **stakeholder database**, compliant with Regulation 42 of the EIA Regulations, already exists from the original authorisation. These registered stakeholders will be notified via **written notice** (email) of the Amendment Application and the availability of the Draft Amendment Report for a 30-day comment period.
- **Site notice board(s)** (with minimum dimensions of 60cm X 42cm) in English will be erected on the Project Site boundary (at strategic viewable locations).

**tel:** +27 21 701 5228 • **fax:** +27 86 558 1213 • **mobile:** +27 82 575 3800

**address:** 5 Devon Air Close, Crofters Valley, Noordhoek 7975 • **postal:** postnet suite 211, private bag x26, tokai, 7966

**email:** info@terramanzi.co.za • **web:** www.terramanzi.co.za • **skype:** terramanzi

- **Newspaper advertisements** (in English) will be placed in the same newspapers as the original application: the Victoria West Messenger and the Courier.
- The **Draft Amendment Report** for public comment will be made available to registered stakeholders through an **online electronic link**. **If there are any registered stakeholders that cannot access the electronic report, we will courier hard copies or CD's to them accordingly.** For hard copies/CD's, strict COVID measures will be implemented to ensure that the documentation is sanitized prior to distribution.

I trust the above listed Public Participation Plan is in order. Please provide your approval at your earliest possible convenience.

Please do not hesitate to contact us should you require any further information.

Yours Faithfully,



**JOHANN KILIAN**

*Senior Environmental Consultant*  
*On behalf of Terramanzi Group (Pty) Ltd*

## Evan Milborrow

---

**From:** Lerato Mokoena <LMokoena@environment.gov.za>  
**Sent:** Wednesday, 07 July 2021 12:37  
**To:** Terramanzi Admin  
**Cc:** TMG Environmental Services; Jay-Jay Mpelane; Wayne Hector  
**Subject:** Re: 2021-03-0009 - Public Participation Plan for the Part 2 Amendment Application of the proposed Modderfontein Wind Energy Facility - 06 July 2021  
**Attachments:** 201101 - Modderfontein WEF - Public Participation Plan - 06 July 2021.pdf

Dear Chane

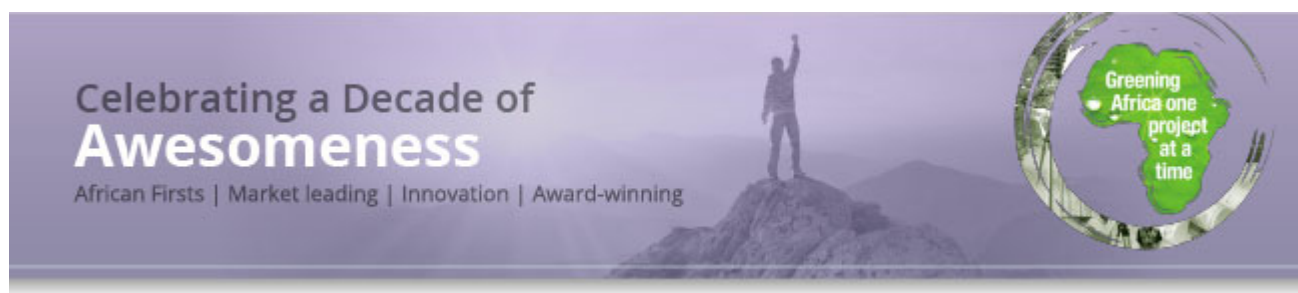
Please note that your PPP Plan is acceptable to the Department and you may continue as proposed.

Regards

Lerato Mokoena  
DFFE (Pretoria)  
Tel: [012-399 9418](tel:012-399 9418)

---

**From:** Terramanzi Admin <admin@terramanzi.co.za>  
**Sent:** Tuesday, 6 July 2021, 13:26  
**To:** Jay-Jay Mpelane  
**Cc:** Lerato Mokoena; TMG Environmental Services  
**Subject:** FW: 2021-03-0009 - Public Participation Plan for the Part 2 Amendment Application of the proposed Modderfontein Wind Energy Facility - 06 July 2021



Dear Jay Jay,

I trust you are well?

Following on the email below, please see attached the Public Participation Plan for the Part 2 Amendment Application of the proposed Modderfontein Wind Energy Facility for approval.

Please do not hesitate to contact me, should you require any further information.

Kind Regards

Chané Olckers  
Office Manager

e: admin@terramanzi.co.za  
t: (021) 7015228 | c: 079 543 0266 | f: 086 558 1213  
5 Devon Air Close, Crofters Valley, Noordhoek, 7975 [View Map](#)



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**From:** Megan Loftie-Eaton <megan@terramanzi.co.za>  
**Sent:** 9 March, 2021 3:55 PM  
**To:** Jay-Jay Mpelane <JMpelane@environment.gov.za>  
**Cc:** Lerato Mokoena <LMokoena@environment.gov.za>; TMG Environmental Services <environmental@terramanzi.co.za>  
**Subject:** RE: 2021-03-0009

Dear Jay-Jay,

Thank you kindly for your email, received in good order.

Warm regards,

Dr Megan Loftie-Eaton  
Senior Environmental Consultant

e: megan@terramanzi.co.za  
t: (021) 7015228 | c: 076 590 1511 | f: 086 558 1213  
5 Devon Air Close, Crofters Valley, Noordhoek, 7975 [View Map](#)

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**From:** Jay-Jay Mpelane <[JMpelane@environment.gov.za](mailto:JMpelane@environment.gov.za)>  
**Sent:** Tuesday, 09 March 2021 14:51  
**To:** Megan Loftie-Eaton <[megan@terramanzi.co.za](mailto:megan@terramanzi.co.za)>  
**Cc:** Lerato Mokoena <[LMokoena@environment.gov.za](mailto:LMokoena@environment.gov.za)>  
**Subject:** RE: 2021-03-0009

Dear Megan Loftie-Eaton,

Acknowledgement of receipt of the request for a pre-application meeting for the Modderfontein Wind Energy Facility - Amendment Application.

Please note that there is no need for the pre-app meeting for the abovementioned project. You may proceed with the process of lodging the application form for the project.

Yours sincerely,  
Jay.  
012 399 9404.

**From:** EIA Applications [<mailto:EIAApplications@environment.gov.za>]  
**Sent:** 09 March 2021 08:52 AM  
**To:** Jay-Jay Mpelane  
**Cc:** Lerato Mokoena; Wayne Hector; [megan@terramanzi.co.za](mailto:megan@terramanzi.co.za)  
**Subject:** 2021-03-0009

Dear Jay-Jay.

Please note that you have been allocated an application:

**Type of Application:** Pre-Application Meeting Request;  
**Reference Number:** 2021-03-0009;  
**Date Received:** 04/03/2021;  
**Action Required:** Decide on meeting request.

Kindly let Ephron know which date the meeting is to be held, if it will be set.

\*EAP/Applicant: please use this reference number when submitting the application for EA/amendment application (page 1 of the application form), as well as attach the approved PP Plan if the application requires a PP process.

**EIA Applications**  
Integrated Environmental Authorisations  
Department of Environment, Forestry and Fisheries

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**From:** Megan Loftie-Eaton <[megan@terramanzi.co.za](mailto:megan@terramanzi.co.za)>  
**Sent:** 04 March 2021 10:34 AM  
**To:** EIA Applications  
**Cc:** TMG Environmental Services  
**Subject:** Request for Pre-Application Meeting: Modderfontein Wind Energy Facility - Amendment Application



Dear Sir/Madam,

We trust this email finds you well.

Please find attached a Cover Letter and all necessary documents for a Pre-Application Meeting Request for an Amendment Application for Modderfontein Wind Energy Facility, DEFF Reference Number 2/12/20/1993/3.

Please do not hesitate to contact us should you require additional information.

Kind regards,

**Dr Megan Loftie-Eaton**  
Senior Environmental Consultant

e: [megan@terramanzi.co.za](mailto:megan@terramanzi.co.za)  
t: (021) 7015228 | c: 076 590 1511 | f: 086 558 1213  
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**APPENDIX 2**  
**CERTIFIED COPY/IES OF THE ENVIRONMENTAL AUTHORISATION AND ALL SUBSEQUENT AMENDMENTS**  
**THERE TO OR ORIGINAL COMMISSIONED AFFIDAVIT/AFFIRMATION UNDER OATH**



## environmental affairs

Department:  
Environmental Affairs  
REPUBLIC OF SOUTH AFRICA

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

DEA Reference: 12/12/20/1993/3/AM3

Enquiries: Ms Bathandwa Ncube

Telephone: (012) 399 9368 E-mail: [BNcube@environment.gov.za](mailto:BNcube@environment.gov.za)

Mr Pieter Francois Roux  
South African Renewable Green Energy (Pty) Ltd.  
P.O. Box 4244  
**CAPE TOWN**  
8000

Tel : 021 795 5240

Email : [francois@sarge.co.za](mailto:francois@sarge.co.za)

### PER EMAIL / MAIL

Dear Mr Roux

### **AMENDMENT OF THE ENVIRONMENTAL AUTHORISATION ISSUED ON 22 FEBRUARY 2012 FOR THE CONSTRUCTION OF THE 198MW MODDERFONTEIN WIND ENERGY FACILITY WITHIN THE UBUNTU AND BEAUFORT WEST LOCAL MUNICIPALITIES, NORTHERN AND WESTERN CAPE PROVINCES.**

The Environmental Authorisation (EA) issued for the above application by this Department on 22 February 2012 and the application for amendment of the EA, received by this Department on 24 January 2020 refer.

Based on a review of the reason for requesting an amendment to the above EA, this Department, in terms of Chapter 5 of the Environmental Impact Assessment Regulations, 2014, as amended, has decided to amend the EA dated, 22 February 2012 as follows:

#### **Amendment 1: Amendment of the Validity Period- Commencement of Authorised Activities:**

The activity must commence within a period of two (2) years from the date of expiry of the EA dated 22 February 2012, now extended to **22 February 2022**. If commencement of the activity does not occur within that period, the authorisation lapses and a new application for environmental authorisation must be made in order for the activity to be undertaken.

This letter must be read in conjunction with the EA dated 22 February 2012.

Kindly note that this is the **last extension and no further extension of this EA will be accepted in future**. The Department is aware that the environment changes constantly, as a result it might be significantly different from the one that existed at the time of the issuing of this EA, hence the validity of the EA cannot exceed a maximum period of **10 years**. As such, failure to commence with construction activities on or before **22 February 2022** will result in the exhaustion of the maximum 10 year period, which is standard for the Department in terms of validity periods for all EAs. Should you not commence with the authorised listed activities within the above stipulated period, your EA will be deemed to have lapsed and a new application for environmental authorisation will have to be lodged.

In terms of the Promotion of Administrative Justice Act, 2000 (Act No 3 of 2000), you are entitled to the right to fair, lawful and reasonable administrative action; and to written reasons for administrative action that affects you negatively. Further your attention is drawn to the provisions of the Protection of Personal Information Act, 2013 (Act no. 4 of 2013) which stipulate that the Department should conduct itself in a responsible manner when collecting, processing, storing and sharing an individual or another entity's personal information by holding the Department accountable should the Department abuse or compromise your personal information in any way.

*M.S*

In terms of Regulation 4(2) of the Environmental Impact Assessment Regulations, 2014 (the Regulations), as amended, you are instructed to notify all registered interested and affected parties, in writing and within 14 (fourteen) days of the date of the Department's decision in respect of the amendment made as well as the provisions regarding the submission of appeals that are contained in the Regulations.

Your attention is drawn to Chapter 2 of National Environmental Management Act, 1998 (Act No. 107 of 1998) National Appeal Regulations published under Government Notice R993 in Government Gazette No. 38303 dated 08 December 2014 (National Appeal Regulations, 2014), which prescribes the appeal procedure to be followed. Kindly include a copy of this document (National Appeal Regulations, 2014) with the letter of notification to interested and affected parties in this matter.

Should any person wish to lodge an appeal against this decision, he/she must submit the appeal to the appeal administrator, and a copy of the appeal to the applicant, any registered interested and affected party, and any organ of state with interest in the matter within 20 days from the date that the notification of the decision was sent to the registered interested and affected parties by the applicant; or the date that the notification of the decision was sent to the applicant by the Department, whichever is applicable.

**Appeals must be submitted in writing in the prescribed form to:**

Director: Appeals and Legal Review, of this Department at the below mentioned addresses.

**By email:** [appeals@environment.gov.za](mailto:appeals@environment.gov.za)

**By hand:** Environment House  
473 Steve Biko Road  
Arcadia,  
Pretoria,  
0083; or

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

Please note that in terms of Section 43(7) of the National Environmental Management Act, Act No. 107 of 1998, as amended, the lodging of an appeal will suspend the environmental authorisation or any provision or condition attached thereto. In the instance where an appeal is lodged, you may not commence with the activity until such time that the appeal is finalised.

To obtain the prescribed appeal form and for guidance on the submission of appeals, please visit the Department's website at [https://www.environment.gov.za/documents/forms#legal\\_authorisations](https://www.environment.gov.za/documents/forms#legal_authorisations) or request a copy of the documents at [appeals@environment.gov.za](mailto:appeals@environment.gov.za).

Yours faithfully



**Mr Sabelo Malaza**  
**Chief Director: Integrated Environmental Authorisations**  
**Department of Environmental Affairs**

Date: 13/02/2020

M.S



## environmental affairs

Department:  
Environmental Affairs  
**REPUBLIC OF SOUTH AFRICA**

Private Bag X 447 · PRETORIA · 0001 · Environment House · 473 Steve Biko, Arcadia · PRETORIA  
Tel (+ 27 12) 399 9372

**DEA Reference:** 12/12/20/1993/3/AM2

**Enquiries:** Mr Muhammad Essop

**Telephone:** (012) 399 9406 **E-mail:** MEssop@environment.gov.za

Mr Pieter Francois Roux  
South African Renewable Energy Green Energy (Pty) Ltd  
PO BOX 4244  
**CAPE TOWN**  
8000

Telephone Number: (021) 795 5240  
E-mail Address: francois@sarge.co.za

### **PER EMAIL / MAIL**

Dear Mr Roux

### **AMENDMENT OF THE ENVIRONMENTAL AUTHORISATION ISSUED ON 22 FEBRUARY 2012 FOR THE CONSTRUCTION OF THE 198 MW MODDERFONTEIN WIND ENERGY FACILITY WITHIN THE UBUNTU AND BEAUFORT WEST LOCAL MUNICIPALITIES IN THE NORTHERN AND WESTERN CAPE PROVINCES**

The Environmental Authorisation (EA) issued for the abovementioned application by this Department on 22 February 2012, the amendment to the EA dated 04 February 2014, your application for amendment of the EA received by this Department on 12 December 2016, the acknowledgement letter dated 03 January 2017 and the letter received via email from Smith, Ndlovu, Summers Attorneys on 12 January 2016 refer.

Based on a review of the reason for requesting an amendment to the above EA, this Department, in terms of Chapter 5 of the Environmental Impact Assessment Regulations, 2014, has decided to amend the EA dated 22 February 2012 as amended, as follows:

#### **Amendment 1: Amendment to extend the validity period of the EA:**

The activity must commence within a period of three (03) years from the date of the EA issued on 22 February 2012 as amended (i.e. the EA lapses on 02 February 2020). If commencement of the activity does not occur within that period, the authorisation lapses and a new application for environmental authorisation must be made in order for the activity to be undertaken.

The applicant applied to extend the validity period of the EA for a second time as the development was not awarded preferred bidder status in the DoE REIPPP. The applicant intends to bid this project in the DoE REIPPP future rounds.

This proposed amendment letter must be read in conjunction with the EA dated 22 February 2012 as amended.

In terms of Regulation 4(2) of the Environmental Impact Assessment Regulations, 2014 (the Regulations), you are instructed to notify all registered interested and affected parties, in writing and within 14 (fourteen) days of the date of the Department's decision in respect of the amendment made as well as the provisions regarding the submission of appeals that are contained in the Regulations.

*MS*

Your attention is drawn to Chapter 2 of Government Notice No. R.993, which prescribes the appeal procedure to be followed. Kindly include a copy of this document with the letter of notification to interested and affected parties.

Should any person wish to lodge an appeal against this decision, he/she must submit the appeal to the appeal administrator, and a copy of the appeal to the applicant, any registered interested and affected party, and any organ of state with interest in the matter within 20 days from the date that the notification of the decision was sent to the registered interested and affected parties by the applicant; or the date that the notification of the decision was sent to the applicant by the Department, whichever is applicable.

**Appeals must be submitted in writing in the prescribed form to:**

Mr Z Hassam, Director: Appeals and Legal Review of this Department at the below mentioned addresses.

By email: [appealsdirector@environment.gov.za](mailto:appealsdirector@environment.gov.za);

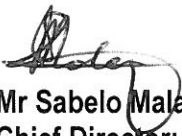
By hand: Environment House  
473 Steve Biko,  
Arcadia,  
Pretoria,  
0083; or

By post: Private Bag X447,  
Pretoria,  
0001;

Please note that in terms of section 43(7) of the National Environmental Management Act, 1998, the lodging of an appeal will suspend the environmental authorisation or any provision or condition attached thereto. In the instance where an appeal is lodged, you may not commence with the activity until such time that the appeal is finalised.

To obtain the prescribed appeal form and for guidance on the submission of appeals, please visit the Department's website at [https://www.environment.gov.za/documents/forms#legal\\_authorisations](https://www.environment.gov.za/documents/forms#legal_authorisations) or request a copy of the documents at [appealsdirector@environment.gov.za](mailto:appealsdirector@environment.gov.za).

Yours faithfully



**Mr Sabelo Malaza**  
**Chief Director: Integrated Environmental Authorisations**  
**Department of Environmental Affairs**

Date: 8/2/2017

cc:	Mr Fabio Venturi	Terramanzi Group (Pty) Ltd	Email: <a href="mailto:Fabio@terramanzi.co.za">Fabio@terramanzi.co.za</a>
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## environmental affairs

Department:  
Environmental Affairs  
**REPUBLIC OF SOUTH AFRICA**

Private Bag X 447· PRETORIA · 0001· Environment House · 473 Steve Biko, Arcadia· PRETORIA  
Tel (+ 27 12) 399 9372

**DEA Reference:** 12/12/20/1993/3/AM1

**Enquiries:** Muhammad Essop

**Telephone:** (012) 399 9406 **E-mail:** MEssop@environment.gov.za

Mr Pieter Francois Roux  
South Africa Renewable Green Energy (Pty) Ltd  
PO Box 4244  
**CAPE TOWN**  
8000

Telephone Number: (021) 795 5240  
Email Address: francois@sarge.co.za

### **PER EMAIL / MAIL**

Dear Mr Roux

### **AMENDMENT OF THE ENVIRONMENTAL AUTHORISATION ISSUED ON 22 FEBRUARY 2012 FOR THE CONSTRUCTION OF THE 198 MW MODDERFONTEIN WIND ENERGY FACILITY WITHIN THE UBUNTU AND BEAUFORT WEST LOCAL MUNICIPALITIES, NORTHERN CAPE AND WESTERN CAPE PROVINCE**

The Environmental Authorisation (EA) issued for the above application by this Department on 22 February 2012 and your application for amendment to the EA received by this Department on 05 January 2015 refer.

Based on a review of the reason for requesting an amendment to the above EA, this Department, in terms of Regulation 30 of the Environmental Impact Assessment Regulations, 2014, has decided to amend the EA, dated 22 February 2012, as follows:

#### **Amendment 1: Amendment to extend the validity period of the EA:**

The activity must commence within a period of two (02) years from the date of expiry of the EA issued on 22 February 2012 (i.e. the EA lapses on 22 February 2017). If commencement of the activity does not occur within that period, the authorisation lapses and a new application for environmental authorisation must be made in order for the activity to be undertaken.

This correspondence is only for the extension of the validity period as stated above. All conditions set out in the original EA dated 22 February 2012 remain unchanged and must be adhered to.

Whilst it is noted that the applicant applied to extend the validity period of the EA for 05 years from the date the EA lapses, this Department is hereby only granting an extension of 02 years from the date of expiry of the EA issued on 05 March 2012 amended as the receiving environment may have changed.

Furthermore, a shapefile of the approved development layout/footprint must be submitted to this Department within two months from the date of this decision. The shapefile must be created using the Hartebeesthoek 94 Datum and the data should be in Decimal Degree Format using the WGS 84 Spheroid. The shapefile must include at a minimum the following extensions i.e. .shp; .shx; .dbf; .prj; and, .xml (Metadata file). If specific

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symbology was assigned to the file, then the .avl and/or the .lyr file must also be included. Data must be mapped at a scale of 1:10 000 (please specify if an alternative scale was used). The metadata must include a description of the base data used for digitizing. The shapefile must be submitted in a zip file using the EIA application reference number as the title. The shape file must be submitted to:

**Postal Address:**

Department of Environmental Affairs  
Private Bag X447  
Pretoria  
0001

**Physical address:**

Department of Environmental Affairs  
Environment House  
473 Steve Biko Road  
Pretoria  
0083

For Attention: Mr Muhammad Essop  
Integrated Environmental Authorisations  
Strategic Infrastructure Developments  
Telephone Number: (012) 399 9406  
Email Address: MEssop@environment.gov.za

This proposed amendment letter must be read in conjunction with the EA dated 22 February 2012.

In terms of Regulation 4(2) of the Environmental Impact Assessment Regulations, 2014 (the Regulations), you are instructed to notify all registered interested and affected parties, in writing and within 14 (fourteen) days of the date of the Department's decision in respect of the amendment made as well as the provisions regarding the submission of appeals that are contained in the Regulations.

Your attention is drawn to Chapter 2 of Government Notices R.993, which prescribes the appeal procedure to be followed. Kindly include a copy of this document with the letter of notification to interested and affected parties.

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

By post: Private Bag X447,  
Pretoria, 0001; or  
By hand: Environment House  
473 Steve Biko,  
Arcadia,  
Pretoria, 0083

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



**Appeals must be submitted in writing to:**

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

Tel: (012) 399 9356

Email: AppealsDirectorate@environment.gov.za

The authorised activities shall not commence within twenty (20) days of the date of signature of the authorisation. Further, please note that in terms of section 43(7) of the National Environmental Management Act, 1998, an appeal under section 43 of that Act will suspend the environmental authorisation or any provision or condition attached thereto. In the instance where an appeal is lodged, you may not commence with the activity until such time that the appeal is finalised.

Yours faithfully



**Mr Sabelo Malaza**  
**Chief Director: Integrated Environmental Authorisations**  
**Department of Environmental Affairs**

Date: 04/03/2014



## environmental affairs

Department:  
Environmental Affairs  
**REPUBLIC OF SOUTH AFRICA**

Private Bag X 447 · PRETORIA · 0001 · Fedure Building · 315 Pretorius Street · PRETORIA  
Tel (+ 27 12) 310 3911 · Fax (+ 2712) 322 2682

DEA Reference: 12/12/20/1993/3

Enquiries: Ms. Sandile Vilakazi

Telephone: 012-310-3891 Fax: 012-320-7539 E-mail: [SVilakazi@environment.gov.za](mailto:SVilakazi@environment.gov.za)

Mr. Pieter Francois Roux  
South African Renewable Green Energy (Pty) Ltd  
P.O. Box 4244  
**CAPE TOWN**  
8000

Fax no: 021-794-3415

### **PER FACSIMILE / MAIL**

Dear Mr. Roux

### **APPLICATION FOR ENVIRONMENTAL AUTHORISATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998: GN R. 385, R. 386 and 387: PROPOSED CONSTRUCTION OF THE 198 MW MODDERFONTEIN WIND ENERGY FACILITY WITHIN THE UBUNTU AND BEAFORT WEST LOCAL MUNICIPALITIES, NORTHERN CAPE AND WESTERN CAPE PROVINCES**

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

Activities applied for as listed in GN R. 386 14 and 15 are no longer listed in terms of the new Regulations, 2010 and are thus not authorised.

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

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

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

By facsimile: 012 320 7561;  
By post: Private Bag X447,  
Pretoria, 0001; or

By hand: 2nd Floor, Fedsure Building, North Tower,  
cnr. Van der Walt and Pretorius Streets,  
Pretoria.

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

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

Appeals must be submitted in writing to:

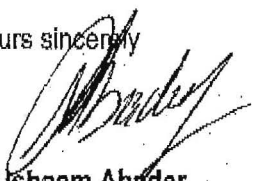
Mr T Zwane, Senior Legal Administration Officer (Appeals) of this Department at the above mentioned addresses or fax number. Mr Zwane can also be contacted at:

Tel: 012-310-3929

Email: [tzwane@environment.gov.za](mailto:tzwane@environment.gov.za)

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

Yours sincerely

  
**Mr Ishaam Abader**  
**Deputy Director-General: Environmental Quality and Protection**  
**Department of Environmental Affairs**

Date: 22/02/2012

CC:	Ms K. Jodas	Savannah Environmental (Pty) Ltd	Tel: 011-234-6621	Fax: 086-684-0547
	Mrs. R. Roets	WCDEA&DP	Tel: 044-805-8630	Fax: 044-874-2423
	Mr. T. Molefe	NCDENC	Tel: 053-807-7300	Fax: 053-831-3530
	Mr M. Fillis	Ubuntu Local Municipality	Tel: 053-621-0026	Fax: 053-621-0368
	Mr. J. Booysen	Beaufort West Local Municipality	Tel: 023-414-8100	Fax: 023-415-2811
	Mr T Zwane	Appeals Authority (DEA)	Tel: 012-310-3929	Fax: 012-320-7561

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

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

**NOTES:**

1. **An appeal against a decision must be lodged with:-**
  - a) the Minister of Water and Environmental Affairs if the decision was issued by the Director- General of the Department of Environmental Affairs (or another official) acting in his/ her capacity as the delegated Competent Authority;
  - b) the Minister of Justice and Constitutional Development if the applicant is the Department of Water Affairs and the decision was issued by the Director- General of the Department of Environmental Affairs (or another official) acting in his/ her capacity as the delegated Competent Authority;
  
2. **An appeal lodged with:-**
  - a) the Minister of Water and Environmental Affairs must be submitted to the Department of Environmental Affairs;
  - b) the Minister of Justice and Constitutional Development must be submitted to the Department of Environmental Affairs;
  
3. **An appeal must be:-**
  - a) submitted in writing;
  - b) accompanied by:
    - a statement setting out the grounds of appeal;
    - supporting documentation which is referred to in the appeal; and
    - a statement that the appellant has complied with regulation 62 (2) or (3) together with copies of the notices referred to in regulation 62.





**environmental affairs**

Department:  
Environmental Affairs  
REPUBLIC OF SOUTH AFRICA

## Environmental Authorisation

In terms of regulation 37 of the Environmental Impact Assessment Regulations, 2006

Proposed construction of the 198 MW Modderfontein Wind Energy Facility within the Ubuntu and Beaufort West Local Municipalities, Northern Cape and Western Cape Provinces

PixleykaSeme and the Central Karoo District Municipalities

<b>Authorisation register number:</b>	12/12/20/1993/3
<b>Last amended:</b>	First issue
<b>Holder of authorisation:</b>	South African Renewable Green Energy (Pty) Ltd
<b>Location of activity:</b>	NORTHERN AND WESTERN CAPE PROVINCE: Within the Ubuntu and Beaufort West Local Municipalities

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

## Decision

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

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

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

## Activities authorised

By virtue of the powers conferred on it by the National Environmental Management Act, 1998 (Act 107 of 1998) and the Environmental Impact Assessment Regulations, 2006 the Department hereby authorises –

### **SOUTH AFRICAN RENEWABLE GREEN ENERGY (PTY) LTD**

with the following contact details –

Mr. Pieter Francois Roux  
South African Renewable Green Energy (Pty) Ltd  
P.O. Box 4244  
**CAPE TOWN**  
8000

Tel: (021) 795 5240  
Fax: (021) 794 3415  
Cell: (076) 435 4241  
E-mail: francois@sarge.co.za

to undertake the following activities (hereafter referred to as "the activity"):

**GN R.386:**

- Item 1 (m): The construction of facilities or infrastructure, including associated structures or infrastructure, for any purpose in the one in ten year flood line of a river or stream, or within 32m from the back of a river or stream where the flood line is unknown, excluding purposes associated with existing residential use, but including (i) canals; (ii) channels; (iii) bridges; (iv) dams; and (v) weirs.*
- Item 7: The above ground storage of a dangerous good, including petrol, diesel, liquid petroleum gas or paraffin, in containers with a combined capacity of more than 30 cubic metres and less than 1000 cubic metres at any one location or site.*
- Item 12: The transformation or removal of indigenous vegetation of 3 hectares or more or of any size where the transformation or removal would occur within a critically endangered or an endangered ecosystem listed in terms of section 52 of the National Environmental Management: Biodiversity Act, 2004 (Act No. 10 of 2004).*
- Item 16 (b): The transformation of undeveloped, vacant or derelict land to residential mixed, retail, commercial, industrial or institutional use where such development does not constitute infill and where the total area to be transformed is bigger than 1 hectare.*
- Item 17: Phased activities where anyone phase of the activity may be below a threshold specified in this Schedule but where a combination of the phases, including expansions or extensions will exceed a specified threshold.*

**GN R. 387:**

- Item 1 (a): The construction of facilities or infrastructure, including associated structures or infrastructure, for the generation of electricity where (i) the electricity output is 20 megawatts or more; or (ii) the elements of the facility cover a combined area in excess of 1 ha.*

Item 1 (i): *The construction of facilities or infrastructure, including associated structures or infrastructure, for the transmission and distribution of above ground electricity with capacity of 120 kV more.*

Item 2: *Any development, activity, including associated structures and infrastructure, where the total area of the developed area is, or is intended to be 20 hectares or more.*

as described in the Environmental Impact Assessment Report (EIAR) dated January 2012 at:

Location of the Wind Facility	Latitude	Longitude
Activity Position	31°45'4.79"S	23°16'40.14"E

Sub-station & power line co-ordinates	Latitude	Longitude
Substation 2	31° 47' 35.19" S	23° 18' 30.67" E
Powerline Substation 2 Option 1		
Start and End-point	31° 47' 35.19" S	23° 18' 30.67"

- for the proposed construction of the 201 MW Modderfontein Wind Energy Facility on 10 652 ha of land on the Remaining extent of the farm Modderfontein 228, the farm Phaisantkraal 1 and Portion 3 of the farm Nobelsfontein 227 located south of Victoria West within the Ubuntu and the Beaufort West Local Municipalities in the Northern and Western Cape provinces, hereafter referred to as "the property".

The infrastructure associated with this facility includes:

- Up to 67 wind turbines (as indicated in the layout map included in Appendix O of the EIR dated January 2011) with a total generating capacity of 201 MW using turbines with a generating capacity of up to 3 MW;
- 30.06 ha of the proposed site will be permanently transformed for the installation of the turbines and related infrastructure;
- Each turbine will be a steel tower (between 80m and 125m in height), nacelle (gear box) and three rotor blades with a rotor diameter of between 90m and 110m (i.e. each blade up to 55m in length);
- 67 temporary turbine laydown areas of 50 m x 25 m (83 750 m<sup>2</sup>);
- 67 Concrete foundations to support the turbine towers (15 m x 15 m x 2.5 m in depth);
- A 132kV substations with high voltage (HV) yard footprints of approximately 100m x 100m (1000 m<sup>2</sup>);
- Underground cabling between the project components;



- One new overhead 132kV power lines of up to 1.5 km in length, turning into the existing Droerivier/Hydra -2400 kV-line; and
- Internal access roads (5m wide and 40 km long) linking the wind turbines and the infrastructure on the site.

## Conditions

### Scope of authorisation

1. The construction of 67 turbines with a maximum capacity of 201 MW using the preferred power line routes (Option 1) for Sub-station 2 is approved.
2. Authorisation of the activity is subject to the conditions contained in this authorisation, which form part of the environmental authorisation and are binding on the holder of the authorisation.
3. The holder of the authorisation is responsible for ensuring compliance with the conditions contained in this environmental authorisation. This includes any person acting on the holder's behalf, including but not limited to, an agent, servant, contractor, sub-contractor, employee, consultant or person rendering a service to the holder of the authorisation.
4. The activities authorised may only be carried out at the property as described above.
5. Any changes to, or deviations from, the project description set out in this authorisation must be approved, in writing, by the Department before such changes or deviations may be effected. In assessing whether to grant such approval or not, the Department may request such information as it deems necessary to evaluate the significance and impacts of such changes or deviations and it may be necessary for the holder of the authorisation to apply for further authorisation in terms of the regulations.
6. This activity must commence within a period of three (3) years from the date of issue. If commencement of the activity does not occur within the 13<sup>th</sup> of October 2014, the authorisation lapses and a new application for environmental authorisation must be made in order for the activity to be undertaken.
7. Commencement with one activity listed in terms of this authorisation constitutes commencement of all authorised activities.
8. The holder of an environmental authorisation has the responsibility to notify the competent authority of any alienation, transfer and change of ownership rights in the property on which the activity is to take place.

### Notification of authorisation

9. The holder of the authorisation must notify every registered interested and affected party, in writing and within 12 (twelve) calendar days of the date of this environmental authorisation, of the decision to authorise the activity.
10. The notification referred to must –
  - 10.1. specify the date on which the authorisation was issued;
  - 10.2. inform the interested and affected party of the appeal procedure provided for in Chapter 7 of the Environmental Impact Assessment (EIA) Regulations, 2010;
  - 10.3. advise the interested and affected party that a copy of the authorisation will be furnished on request; and
  - 10.4. give the reasons for the decision.

### Management of the activity

11. A copy of the final site layout plan must be submitted to the Department for written approval prior to the commencement of the activity. All available biodiversity information must be used in the finalisation of the layout plan. Existing infrastructure must be used as far as possible e.g. roads. The layout plan must indicate the following:
  - Turbine positions;
  - Foundation footprint;
  - Permanent laydown area footprint;
  - Construction period laydown footprint;
  - Internal roads indicating width (construction period width and operation period width) and with numbered sections between the other site elements which they serve (to make commenting on sections possible);
  - Wetlands, drainage lines, rivers, stream and water crossing of roads and cables indicating the type of bridging structures that will be used;
  - Heritage sites that will be affected by the turbines and associated infrastructure;
  - Sub-station(s) and/or transformer(s) sites including their entire footprint;
  - Cable routes and trench dimensions (where they are not along internal roads);
  - Connection routes (including pylon positions) to the distribution/transmission network;

- Cut and fill areas at turbine sites along roads and at sub-station/transformer sites indicating the expected volume of each cut and fill;
  - Borrow pits;
  - Spoil heaps (temporary for topsoil and subsoil and permanently for excess material);
  - All existing infrastructure on the site, especially roads;
  - Buildings including accommodation; and
  - All "no-go" areas.
12. A map combining the final layout plan must also be superimposed (overlain) on an environmental sensitivity map to be submitted to the department.
13. The Environmental Management Plan (EMP) submitted as part of the application for environmental authorisation must be amended and submitted to the Department for written approval prior to commencement of the activity.
14. The EMP amendment must include the following:
- 14.1. All recommendations and mitigation measures recorded in the EIR dated January 2012.
  - 14.2. The requirements and conditions of this authorisation.
  - 14.3. A plant rescue and protection plan which allows for the maximum transplant of conservation important species from areas to be transformed. This plan must be compiled by a vegetation specialist familiar with the site in consultation with the ECO and be implemented prior to commencement of the construction phase.
  - 14.4. An open space management plan to be implemented during construction and operation of the facility.
  - 14.5. A re-vegetation and habitat rehabilitation plan to be implemented during construction and operation of the facility. Restoration must be undertaken as soon as possible after completion of construction activities to reduce the amount of habitat converted at any one time and to speed up the recovery to natural habitats.
  - 14.6. An alien invasive management plan to be implemented during construction and operation of the facility. The plan must include mitigation measures to reduce the invasion of alien species and ensure that the continuous monitoring and removal of alien species is undertaken.
  - 14.7. A Storm Water Management Plan to be implemented during construction and operation of the facility. The plan must ensure compliance with applicable regulations and prevent off-site migration of contaminated storm water or increased soil erosion. The plan must include the construction of appropriate design measures that allow surface and subsurface

- movement of water along drainage lines so as not to impede natural surface and subsurface flows. Drainage measures must promote the dissipation of storm water run-off.
- 14.8. An effective monitoring system to detect any leakage or spillage of all hazardous substances during their transportation, handling, use and storage. This must include precautionary measures to limit the possibility of oil and other toxic liquids from entering the soil or storm water systems.
  - 14.9. An erosion management plan for monitoring and rehabilitating erosion events associated with the facility. Appropriate erosion mitigation must form part of this plan to prevent and reduce risk of any potential erosion.
  - 14.10. A transportation plan for the transport of turbine components, main assembly cranes and other large pieces of equipment.
  - 14.11. A traffic management plan for the site access roads to ensure that no hazards would result from the increased truck traffic and that traffic flow would not be adversely impacted. This plan must include measures to minimise impacts on local commuters e.g. limiting construction vehicles travelling on public roadways during the morning and late afternoon commute time and avoid using roads through densely populated built up areas so as not to disturb existing retail and commercial operations.
  - 14.12. An avifauna and bat monitoring programme to document the effect of the operation of the energy facility on avifauna and bats. This must be compiled by a qualified specialist.
  - 14.13. An environmental sensitivity map indicating environmental sensitive areas and features identified during the EIA process.
  - 14.14. Measures to protect hydrological features such as streams, rivers, pans, wetlands, dams and their catchments, and other environmental sensitive areas from the direct or indirect spillage of pollutants.
15. The approved EMP must be implemented and strictly enforced during all phases of the project. It must be seen as a dynamic document and must be included in all contract documentation for all phases of the development, when approved.
  16. Changes to the EMP, which are environmental defensible, must be submitted to this Department for acceptance before such changes can be affected.
  17. The Department reserves the right to request amendments to the EMP should any impacts that were not anticipated or covered in the EIR be discovered.
  18. The holder of this authorisation must appoint qualified vegetation, fauna, flora, heritage and avifauna specialists to ground-truth every infrastructure footprint and their recommendation must inform the final layout of the facility and the EMP to be submitted to the Department for approval.

### **Environmental Control Officer (ECO) and duties**

19. The holder of this authorisation must appoint an independent Environmental Control Officer (ECO) with experience or expertise in the field for the construction phase of the development. The ECO will have the responsibility to ensure that the conditions referred to in this authorisation are implemented and to ensure compliance with the provisions of the EMP.
20. The ECO must be appointed before commencement of any authorised activity.
21. Once appointed, the name and contact details of the ECO must be submitted to the *Director: Compliance Monitoring* of the Department.
22. The ECO must remain employed until all rehabilitation measures, as required for implementation due to the construction damage, are completed and the site is ready for operation.
23. The ECO must:
  - 23.1 Keep record of all activities on site, problems identified, transgressions noted and a task schedule of tasks undertaken by the ECO.
  - 23.2 Keep and maintain a detailed incident (including spillage of bitumen, fuels, chemicals, or any other material) and complaint register on site indicating how these issues were addressed, what rehabilitation measures were taken and what preventative measures were implemented to avoid re-occurrence of incidents/complaints.
  - 23.3 Keep and maintain a daily site diary.
  - 23.4 Keep copies of all reports submitted to the Department.
  - 23.5 Keep and maintain a schedule of current site activities including the monitoring of such activities.
  - 23.6 Obtain and keep record of all documentation, permits, licenses, and authorisations such as waste disposal certificates, hazardous waste landfill site licenses etc. Required by this facility.
  - 23.7 Compile a monthly monitoring report.

### **Recording and reporting to the Department**

24. The holder of this authorisation must keep all records relating to monitoring and auditing on site and make it available for inspection to any relevant and competent authority in respect of this development.

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

#### **Environmental audit report**

26. The holder of the authorisation must submit an environmental audit report to the Department within 30 days of completion of the construction phase (i.e. within 30 days of site handover) and within 30 days of completion of rehabilitation activities.
27. The environmental audit report must:
- 27.1. Be compiled by an independent environmental auditor;
  - 27.2. Indicate the date of the audit, the name of the auditor and the outcome of the audit;
  - 27.3. Evaluate compliance with the requirements of the approved EMP and this environmental authorisation;
  - 27.4. Include measures to be implemented to attend to any non-compliances or degradation noted;
  - 27.5. Include copies of any approvals granted by other authorities relevant to the development for the reporting period;
  - 27.6. Highlight any outstanding environmental issues that must be addressed, along with recommendations for ensuring these issues are appropriately addressed;
  - 27.7. Include a copy of this authorisation and approved EMP;
  - 27.8. Include all documentation such as waste disposal certificates, hazardous waste landfill site licenses etc. pertaining to this authorisation; and
  - 27.9. Include evidence of adherence to the conditions of this authorisation and the EMP where relevant such as training records and attendance records.

#### **Commencement of the activity**

28. The authorised activity shall not commence within twenty (20) days of the date of signature of the authorisation.
29. An appeal under section 43 of the National Environmental Management Act (NEMA), Act 107 of 1998 (as amended), does not suspend an environmental authorisation or exemption, or any provisions or conditions attached thereto, or any directive, unless the Minister, MEC or delegated organ of state directs otherwise.

30. The holder of this authorisation must obtain a Water Use Licence from the Department of Water Affairs (DWA) prior to the commencement of the project should the applicant impact on any wetland or water resource. A copy of the license must be submitted to the *Director: Environmental Impact Evaluation* at the Department.

#### **Notification to authorities**

31. Fourteen (14) days written notice must be given to the Department that the activity will commence. Commencement for the purposes of this condition includes site preparation. The notice must include a date on which it is anticipated that the activity will commence. This notification period may coincide with the notice of intent to appeal period, within which construction may not commence.

#### **Operation of the activity**

32. Fourteen (14) days written notice must be given to the Department that the activity operational phase will commence.
33. The holder of this authorisation must compile an operational EMP for the operational phase of the activity or alternatively, if the applicant has an existing operational environmental management system, it must be amended to include the operation of the authorised activity.

#### **Site closure and decommissioning**

34. Should the activity ever cease or become redundant, the applicant shall undertake the required actions as prescribed by legislation at the time and comply with all relevant environmental legal requirements administered by any relevant and competent authority at that time.

#### **Specific conditions**

##### Approved Turbines

35. Turbines numbered 45 to 111 (67 turbines) as indicated in the layout map included in Appendix O of the FEIR dated January 2011 are approved.



Avifauna and bats

36. The bird and bat monitoring programme must be implemented to document the effect of the operation of the energy facility on avifauna and bats. This should commence prior to construction, and continue during operation of the energy facility.
37. The results of the pre-construction bird monitoring programme must inform the final layout and the construction schedule of the energy facility.
38. Reports regarding bird monitoring must be submitted to the relevant provincial environmental department, BirdLife South Africa and the Endangered Wildlife Trust (EWT) and this Department on a quarterly basis. The report will assist all stakeholders in identifying potential and additional mitigation measures and to establish protocols for a bird monitoring programme for wind energy development in the country.
39. The data collected and documented during the pre-construction operational monitoring must be shared with the EWT and BirdLife South Africa for a better understanding of the distribution or breeding behaviour of any of the priority species.
40. Anti-collision devices such as bird flappers must be installed where power lines cross avifaunal corridors (e.g. grasslands, rivers, wetlands, and dams). The input of an avifaunal specialist must be obtained for the fitting of the anti-collision devices onto specific sections of the line once the exact positions of the towers have been surveyed and pegged. Additional areas of high sensitivity along the preferred alignment must also be identified by the avifaunal specialist for the fitment of anti-collision devices. These devices must be according to Eskom's Transmission Guidelines.
41. Lighting on the turbines must be kept to a minimum and must be coloured (red or green) and intermittent, rather than permanent and white, to reduce confusion effects for nocturnal migrants.
42. The facility infrastructure must be designed to discourage the use of infrastructure components as perching or roosting substrates by birds and bats.

Vegetation, wetlands and water resources

43. Vegetation clearing must be limited to the authorised footprint.
44. Before the clearing of the site, the appropriate permits must be obtained from the Department of Agriculture, Forestry and Fisheries (DAFF) for the removal of plants listed in the National Forest Act and from the relevant provincial department for the destruction of species protected in terms of the specific provincial legislation.



45. Construction activities must be restricted to demarcated areas to restrict impact on sensitive environmental features.
46. All areas of disturbed soil must be reclaimed using only indigenous grass and shrubs. Reclamation activities should be undertaken as early as possible on disturbed areas.
47. All electrical collector lines must be buried in a manner that minimizes additional surface disturbance.
48. Topsoil from all excavations and construction activities must be salvaged and reapplied during reclamation.
49. No exotic plants may be used for rehabilitation purposes; only indigenous plants of the area may be utilised.
50. Cleared alien vegetation must not be dumped on adjacent intact vegetation during clearing but should be temporarily stored in a demarcated area.
51. Removal of alien invasive species or other vegetation and follow-up procedures must be in accordance with the Conservation of Agricultural Resources Act, 1983 (Act 43 of 1983).
52. The holder of the authorisation must ensure that all the "No-go" areas are clearly demarcated (using fencing and appropriate signage) before construction commences.
53. Contractors and construction workers must be clearly informed of the no-go areas.
54. Siting of turbines should adhere to >500m setbacks from large water bodies, riparian vegetation and rocky crevices, if and where high bat occurrence is found after monitoring.
55. Where roads pass right next to major water bodies provision should be made for fauna such as toads to pass under the roads by using culverts or similar structures.
56. Bridge design must be such that it minimise impact to the riparian areas with minimal alterations to water flow and must allow movement of fauna and flora.

#### Roads and transportation

57. A permit must be obtained from the relevant transport department for the transportation of all components (abnormal loads) to the sites. Signs must be placed along construction roads to identify speed limits, travel restrictions, and other standard traffic control information.
58. Roads must be designed so that changes to surface water runoff are avoided and erosion is not initiated.
59. All structures crossing streams must be located and constructed so that they do not decrease channel stability or increase in sensitive areas.
60. Existing drainage must not be altered, especially in sensitive areas.

61. A designated access to the site must be created and clearly marked to ensure safe entry and exit.
62. Signage must be erected at appropriate points warning of turning traffic and the construction site.
63. Road borders must be regularly maintained to ensure that vegetation remains short and that they therefore serve as an effective firebreak.

#### Noise

64. Construction staff must be trained in actions to minimise noise impacts.
65. The holder of this authorisation must ensure that the National Noise Control Regulations and SANS10103:2008 are adhered to and reasonable measures to limit noise from the work site are implemented.
66. The holder of this authorisation must ensure that the construction staff working in areas where the 8-hour ambient noise levels exceed 75dBA must wear ear protection equipment.
67. The holder of this authorisation must ensure that all equipment and machinery are well maintained and equipped with silencers.
68. The holder of this authorisation must provide a prior warning to the community when a noisy activity e.g. blasting is to take place.
69. All noisy construction operations should only occur during daylight hours.
70. All wind turbines must be located at a setback distance of 500m from any homestead and a day/night noise criteria level at the nearest residents of 45dB(A) should be used to locate the turbines. The 500m setback distance can be relaxed if local factors; such as high ground between the noise source and the receiver, indicates that a noise disturbance will not occur.
71. Positions of turbines jeopardizing compliance with accepted noise levels should be revised during the micro-siting of the units in question and predicted noise levels re-modelled by the noise specialist, in order to ensure that the predicted noise levels are less than 45dB(A).

#### Visual resources

72. The holder of this authorisation must reduce visual impacts during construction by minimising areas of surface disturbance, controlling erosion, using dust suppression techniques and restoring exposed soil as closely as possible to their original contour and vegetation.
73. A lighting engineer must be consulted to assist in the planning and placement of light fixtures in order to reduce visual impacts associated with glare and light trespass. Recommendations of the light engineer must be submitted with the final site layout.

74. Signage on or near wind turbines should be avoided unless they serve to inform the public about wind turbines and their function.
75. Commercial messages and graffiti on turbines must be avoided.

#### Human health and safety

76. A health and safety programme must be developed to protect both workers and the general public during construction, operation and decommissioning of the energy facility. The programme must establish a safety zone for wind turbines from residences and occupied buildings, roads, right-of-ways and other public access areas that is sufficient to prevent accidents resulting from the operation of the wind turbines.
77. Potential interference with public safety communication systems (e.g. radio traffic related to emergency activities) must be avoided.
78. The holder of this authorisation must ensure that the operation of the wind facility has minimal electromagnetic interference (EMI) (i.e. impacts to microwave, radio and television transmissions) and should comply with the relevant communication regulations.
79. The holder of this authorisation must obtain approval from the South Africa Civil Aviation Authority that the wind facility will not interfere with the performance of aerodrome radio Communication, Navigation and Surveillance (CNS) equipment especially the radar prior to commencement of the activity. The approval must be included in the first audit report.
80. The holder of this authorisation must obtain approval from the South Africa Weather Services (WeatherSA) that the energy facility will not interfere with the performance of their equipment, especially radar, prior to commencement of the activity. The approval must be included in the first audit report.
81. The holder of this authorisation must train safety representatives, managers and workers in workplace safety. The construction process must be compliant with all safety and health measures as prescribed by the relevant act.
82. Liaison with land owners/farm managers is to be done prior to construction in order to provide sufficient time for them to plan agricultural activities. If possible, construction should be scheduled to take place within the post-harvest and pre-planting season, when fields are lying fallow.
83. No open fires for cooking or heating must be allowed on site.

#### Hazardous materials and waste management

84. Areas around fuel tanks must be bunded or contained in an appropriate manner as per the requirements of SABS 089:1999 Part 1.
85. Leakage of fuel must be avoided at all times and if spillage occurs, it must be remedied immediately.
86. Hazardous waste such as bitumen, oils, oily rags, paint tins etc. must be disposed of at an approved hazardous waste landfill site.
87. No dumping or temporary storage of any materials may take place outside designated and demarcated laydown areas, and these must all be located within areas of low environmental sensitivity.
88. Hazardous substances must not be stored where there could be accidental leakage into surface or subterranean water.
89. Hazardous and flammable substances must be stored and used in compliance to the applicable regulations and safety instructions. Furthermore, no chemicals must be stored nor may any vehicle maintenance occur within 350m of the temporal zone of wetlands, a drainage line with or without an extensive floodplain or hillside wetlands.
90. Temporary bunds must be constructed around chemical storage to contain possible spills.
91. Spill kits must be made available on-site for the clean-up of spills.
92. An integrated waste management approach must be implemented that is based on waste minimisation and must incorporate reduction, recycling, re-use and disposal where appropriate. Any solid waste shall be disposed of at a landfill licensed in terms of section 20(b) of the National Environment Management Waste Act, 2008 (Act 59 of 2008).
93. Temporary ablution facilities must be provided for staff at all times during the construction phase. The ablutions must be cleaned regularly with associated waste being disposed of at a registered/permitted waste site and must be removed from the site when the construction phase is completed.

#### Excavation and blasting activities

94. Underground cables and internal access roads must be aligned as much as possible along existing infrastructure to limit damage to vegetation and watercourses.

95. Foundations and trenches must be backfilled with originally excavated materials as much as possible. Excess excavation materials must be disposed of only in approved areas or, if suitable, stockpiled for use in reclamation activities.
96. Borrow materials must be obtained only from authorized and permitted sites.
97. Anti-erosion measures such as silt fences must be installed in disturbed areas.

#### Air emissions

98. Dust abatement techniques must be used before and during surface clearing, excavation, or blasting activities.
99. Appropriate dust suppression techniques must be implemented on all exposed surfaces during periods of high wind. Such measures may include wet suppression, chemical stabilisation, the use of a wind fence, covering surfaces with straw chippings and re-vegetation of open areas.

#### Historical / cultural / paleontological resources

100. If there are any changes to the layout of the turbines from the approved layout plan, then additional survey work will be required in order to ensure that no sites are directly impacted and/or to identify the need for an excavation permit.
101. Should any graves be found, all construction activities must be suspended and an archaeologist or the South African Heritage Resources Agency (SAHRA) be contacted immediately. The discovered graves must be cordoned off.

#### Overhead Power Line

102. A walk-through survey of the final survey power line corridor must be undertaken by a botanical specialist, an ornithologist and a heritage specialist to identify areas where mitigation may be required.
103. All sections of the proposed power line passing over, or in close proximity of grasslands, rivers, wetlands, and dams must be marked with suitable bird flight diverters in order to deter large birds from colliding with any powerline. Additional areas of high sensitivity along the preferred alignment must be identified by an avifaunal specialist for the fitment of anti-collision devices according to Eskom Transmission Guidelines.

**General**

104. A copy of this authorisation must be kept at the property where the activity will be undertaken. The authorisation must be produced to any authorised official of the Department who requests to see it and must be made available for inspection by any employee or agent of the holder of the authorisation who works or undertakes work at the property.
105. The holder of the authorisation must notify both the *Director: Environmental Impact Evaluation* and the *Director: Compliance Monitoring* at the Department, in writing and within 48 (forty eight) hours, if any condition of this authorisation cannot be or is not adhered to. Any notification in terms of this condition must be accompanied by reasons for the non-compliance.
106. National government, provincial government, local authorities or committees appointed in terms of the conditions of this authorisation or any other public authority shall not be held responsible for any damages or losses suffered by the applicant or his successor in title in any instance where construction or operation subsequent to construction be temporarily or permanently stopped for reasons of non-compliance by the applicant with the conditions of authorisation as set out in this document or any other subsequent document emanating from these conditions of authorisation.

Date of environmental authorisation:

22 FEBRUARY 2012



**Mr Ishaam Abader**

**Deputy Director-General: Environmental Quality and Protection**  
**Department of Environmental Affairs**

## Annexure 1: Reasons for Decision

### 1. Information considered in making the decision

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

- a) The information contained in the EIR dated January 2012;
- b) The comments received from SAHRA and interested and affected parties as included in the EIR dated January 2012;
- c) Mitigation measures as proposed in the EIR dated January 2012 and the EMP;
- d) The information contained in the specialist studies contained in the EIR dated January 2012; and
- e) The objectives and requirements of relevant environmental legislation, policies and guidelines, including section 2 of the National Environmental Management Act, 1998 (Act 107 of 1998).

### 2. Key factors considered in making the decision

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

- a) The findings of all the specialist studies conducted, issues identified and recommended mitigation measures which were deemed to be acceptable.
- b) The need for the proposed project stems from the need for clean and renewable energy sources to reduce the country's energy supply problems.
- c) The EIR dated January 2012 identified all relevant environmental legislation and guidelines that have been considered in the preparation of the EIR dated January 2012.
- d) The methodology used in assessing the potential impacts identified in the EIR dated January 2012 and the specialist studies have been adequately indicated.
- e) A sufficient public participation process was undertaken and the applicant has satisfied the minimum requirements as prescribed in the EIA Regulations, 2006 for public involvement.



### 3. Conclusions

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

- a) The identification and assessment of impacts are detailed in the EIR dated January 2012 and sufficient assessment of the key identified issues and impacts have been completed.
- b) The procedure followed for impact assessment is adequate for the decision-making process.
- c) The proposed mitigation of impacts identified and assessed adequately curtails the identified impacts.
- d) All relevant environmental legal and procedural requirements have been met.
- f) EMP measures for the pre-construction, construction and rehabilitation phases of the development were proposed and included in the EIR and will be implemented to manage the identified environmental impacts during the construction process.

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



**APPENDIX 3  
PROOF OF PAYMENT/ MOTIVATION FOR EXCLUSION**



# Business Integrator Online

28 July 2021

To whom it may concern

This serves to confirm that the following payment was made through Business Integrator Online:

Payment made by: **NOBLESFONTEIN MAINTENANCE SERV**  
Amount: **R2,000.00**  
Transaction Date: **28 July 2021**  
Payment made to: **DEPARTMENT OF ENVIRONMENTAL AFFAIRS**  
Beneficiary Bank Name: **ABSA BANK LIMITED**  
Beneficiary Account Number: **1044240072**  
Beneficiary Branch Code: **632005**  
Description on Beneficiary Statement: **-31.748481/23.271742**  
Trace reference number: **28390000288020210728**  
Additional comments by payer:

Details of this payment may be confirmed by contacting the Transactional Banking Contact Centre during office hours on 0860 227 232.

## Absa Business Bank - Transactional Banking

3rd Floor, Absa Towers West, 15 Troye Street Johannesburg 2001, PO Box 7735 Johannesburg 2000  
Telephone Contact Centre 0860 227 232

### Office Hours:

07:30 to 17:00 Monday to Friday and 07:30 to 10:30 on Saturdays

[absaeb@absa.co.za](mailto:absaeb@absa.co.za)

Swift - Address: ABSA ZA JJ

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**APPENDIX 4**  
**LIST OF LAND OWNERS AND LAND OWNERS CONSENT**

## APPENDIX 4

### LIST OF LANDOWNERS and LANDOWNER CONSENT

Title	Name	Property Details	Capacity	E-mail
Mr	Henk Marais	Modderfontein 228 RE	Property owner	<a href="mailto:henk.nguni@gmail.com">henk.nguni@gmail.com</a>
Mr	Henk Marais	Phaisantkraal 1	Property owner	<a href="mailto:henk.nguni@gmail.com">henk.nguni@gmail.com</a>
Mr	Francois Roux	Noblesfontein 277/3	Property owner and applicant	<a href="mailto:francois@sarge.co.za">francois@sarge.co.za</a>

Please note that the applicant and landowner for Noblesfontein 277/3 are the same person, Mr Francois Roux. As such the applicant does not require Landowner consent. This property (Noblesfontein 277/3) is also being removed from the EA as part of this amendment process. The Applicant Declaration is therefore attached as part of this Appendix in place of landowner consent.

**APPENDIX 1**

**Consent in terms of Regulation 39 of the 2014 NEMA EIA Regulations by the landowner or person in control of the land that the proposed activity/ies may be undertaken on the land in question**

**When to use this form**

Note: This form must be completed when application is made for environmental authorisation in terms of the 2014 NEMA EIA Regulations where the applicant is not the owner of the land on which the proposed activity will take place.

**Notes for completing and submitting this form**

- (1) This form is current as of December 2014. It is the responsibility of the applicant to ascertain whether subsequent versions of the form have been released by the Department.
- (2) This form must be attached to the application form for amendment.
- (3) Unless protected by law, all information contained in the form will become public information.

**CONTACT INFORMATION**

Name of land owner/ person in control of the land  
 Trading name (if any):  
 Contact person:  
 Physical address:  
 Postal address:  
 Postal code:  
 Telephone:  
 E-mail:

Henk Marais		
Henk Marais		
Modderfontein Victoria West		
POSBUS 181 VICTORIA WEST		
7070	Cell:	0826876495
//	Fax:	
henkingeni@gmail.com		
If there is more than one landowner/person in control of the land, please attach a list of their contact details to this application and tick the box.		<input type="checkbox"/> Extra page attached

**CONSENT**

1. I/we the undersigned (insert the name/s of the owner/s of the land)

HEMIK MARAIS

of identity number/registration number (insert the owner/s ID number/s or the registration number of the legal entity)

6705015103086

am/ are the registered owner/s of the property (insert description of the property/ies and title deed numbers)

Working farm T 89444,97 - Phaisant Kraal  
T 000668,09 - MORDERFONTEIN

located at (insert physical address or a brief description of the location of the property)

The property lies on the border of the Northern and Western  
Cape  
S 31° 43 97 59  
E 23° 15 58 16

2. I/ we hereby give consent to the applicant /person to whom the rights are to be transferred (insert the name/s of the applicant/person/s)

T Rodrigo Garcia Parra

of identity number/registration number (insert the owner/s ID number/s or the registration number of the legal entity)

6705015103086

to undertake the following activity(ies) on the property (insert a brief description of the project and identified activity(ies) in question and amendment that will be applied for):

Building of a windfarm

Signature of land owner/person in control of the land or authorised representative

[Signature]

Name of authorised person if the landowner is a legal entity \_\_\_\_\_

16/07/2021

Date

## DECLARATION OF THE APPLICANT

I, Pieter Francois Roux, declare that –

- I am, or represent<sup>1</sup>, the applicant in this application;
- I have appointed an Environmental Assessment Practitioner (EAP) to act as the independent EAP for this application / have obtained exemption from the requirement to obtain an EAP<sup>2</sup>;
- I will take all reasonable steps to verify whether the EAP and specialist/s appointed are independent and have expertise in conducting environmental impact assessments or undertaking specialist work as required, including knowledge of the Act, the EIA Regulations and any guidelines that have relevance to the proposed activity;
- I will provide the EAP and the Competent Authority with access to all information at my disposal that is relevant to the application;
- I will be responsible for the costs incurred in complying with the Regulations, including but not limited to –
  - costs incurred in connection with the appointment of the EAP or any person contracted by the EAP;
  - costs incurred in respect of the undertaking of any process required in terms of the Regulations;
  - costs in respect of any fee prescribed by the Minister or MEC in respect of the Regulations;
  - costs in respect of specialist reviews, if the Competent Authority decides to recover costs; and
  - the provision of security to ensure compliance with conditions attached to an environmental authorisation, should it be required by the Competent Authority;
- I will inform all registered interested and affected parties of any suspension of the application as well as of any decisions taken by the Competent Authority in this regard;
- I am responsible for complying with the conditions of any environmental authorisation issued by the Competent Authority;
- I hereby indemnify the Government of the Republic of South Africa, the Competent Authority and all its officers, agents and employees, from any liability arising out of the content of any report, any procedure or any action which the applicant or EAP is responsible for in terms of these Regulations;
- I will not hold the Competent Authority responsible for any costs that may be incurred by the applicant in proceeding with an activity prior to obtaining an environmental authorisation or prior to an appeal being decided in terms of these Regulations;
- I will perform all obligations as expected from an applicant in terms of the Regulations;
- all the particulars furnished by me in this form are true and correct; and
- I am aware of what constitutes an offence in terms of Regulation 48 and that a person convicted of an offence in terms of Regulation 48(1) is liable to the penalties as contemplated in section 49B of the Act.
- I am aware that in terms of Section 24F of the National Environmental Management Act, as amended (Act No. 107 of 1998) that no listed activity may commence prior to an environmental authorisation being granted by the Competent Authority.



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Signature<sup>3</sup> of the applicant/ Signature on behalf of the applicant

Sarge Development (Pty) Ltd

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Name of company (if applicable)

16/07/2021

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Date:

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<sup>1</sup> If this is signed on behalf of the applicant, proof of such authority from the applicant must be attached. If the applicant is a juristic person, a signature on behalf of the applicant is required as well as proof of such authority.

<sup>2</sup> If exemption is obtained from appointing an EAP, the responsibilities of an EAP will automatically apply to the person conducting the environmental impact assessment in terms of the Regulations.

<sup>3</sup> Only original signatures will be accepted. No scanned, copied or faxed signatures will be accepted. An EAP may not sign on behalf of an applicant.

**APPENDIX 5  
STRATEGIC INFRASTRUCTURE PROJECTS**

<p><b>SIP 1: Unlocking the northern mineral belt with Waterberg as the catalyst</b></p> <ul style="list-style-type: none"> <li>• Unlock mineral resources</li> <li>• Rail, water pipelines, energy generation and transmission infrastructure</li> <li>• Thousands of direct jobs across the areas unlocked</li> <li>• Urban development in Waterberg - first major post-apartheid new urban centre will be a “green” development project</li> <li>• Rail capacity to Mpumalanga and Richards Bay</li> <li>• Shift from road to rail in Mpumalanga</li> <li>• Logistics corridor to connect Mpumalanga and Gauteng.</li> </ul>	
<p><b>SIP 2: Durban-Free State-Gauteng logistics and industrial corridor</b></p> <ul style="list-style-type: none"> <li>• Strengthen the logistics and transport corridor between SA’s main industrial hubs</li> <li>• Improve access to Durban’s export and import facilities</li> <li>• Integrate Free State Industrial Strategy activities into the corridor</li> <li>• New port in Durban</li> <li>• Aerotropolis around OR Tambo International Airport.</li> </ul>	
<p><b>SIP 3: South-Eastern node &amp; corridor development</b></p> <ul style="list-style-type: none"> <li>• New dam at Mzimvubu with irrigation systems</li> <li>• N2-Wild Coast Highway which improves access into KwaZulu-Natal and national supply chains</li> <li>• Strengthen economic development in Port Elizabeth through a manganese rail capacity from Northern Cape</li> <li>• A manganese sinter (Northern Cape) and smelter (Eastern Cape)</li> <li>• Possible Mthombo refinery (Coega) and transshipment hub at Ngqura and port and rail upgrades to improve industrial capacity and performance of the automotive sector.</li> </ul>	
<p><b>SIP 4: Unlocking the economic opportunities in North West Province</b></p> <ul style="list-style-type: none"> <li>• Acceleration of investments in road, rail, bulk water, water treatment and transmission infrastructure</li> <li>• Enabling reliable supply and basic service delivery</li> <li>• Facilitate development of mining, agricultural activities and tourism opportunities</li> <li>• Open up beneficiation opportunities in North West Province.</li> </ul>	
<p><b>SIP 5: Saldanha-Northern Cape development corridor</b></p> <ul style="list-style-type: none"> <li>• Integrated rail and port expansion</li> <li>• Back-of-port industrial capacity (including an IDZ)</li> <li>• Strengthening maritime support capacity for oil and gas along African West Coast</li> <li>• Expansion of iron ore mining production and beneficiation.</li> </ul>	
<p><b>SIP 6: Integrated municipal infrastructure project</b></p> <p>Develop national capacity to assist the 23 least resourced districts (19 million people) to address all the maintenance backlogs and upgrades required in water, electricity and sanitation bulk infrastructure. The road maintenance programme will enhance service delivery capacity thereby impacting positively on the population.</p>	
<p><b>SIP 7: Integrated urban space and public transport programme</b></p> <p>Coordinate planning and implementation of public transport, human settlement, economic and social infrastructure and location decisions into sustainable urban settlements connected by densified transport corridors. This will focus on the 12 largest urban centres of the country, including all the metros in South Africa. Significant work is underway on urban transport integration.</p>	
<p><b>SIP 8: Green energy in support of the South African economy</b></p> <p>Support sustainable green energy initiatives on a national scale through a diverse range of clean energy options as envisaged in the Integrated Resource Plan (IRP2010) and support bio-fuel production facilities.</p>	



<b>Indicate capacity in MW:</b>	
<b>SIP 9: Electricity generation to support socioeconomic development</b> Accelerate the construction of new electricity generation capacity in accordance with the IRP2010 to meet the needs of the economy and address historical imbalances. Monitor implementation of major projects such as new power stations: Medupi, Kusile and Ingula.	
<b>Indicate capacity in MW:</b>	
<b>SIP 10: Electricity transmission and distribution for all</b> Expand the transmission and distribution network to address historical imbalances, provide access to electricity for all and support economic development. Align the 10-year transmission plan, the services backlog, the national broadband roll-out and the freight rail line development to leverage off regulatory approvals, supply chain and project development capacity.	
<b>SIP 11: Agri-logistics and rural infrastructure</b> Improve investment in agricultural and rural infrastructure that supports expansion of production and employment, small-scale farming and rural development, including facilities for storage (silos, fresh-produce facilities, packing houses); transport links to main networks (rural roads, branch train-line, ports), fencing of farms, irrigation schemes to poor areas, improved R&D on rural issues (including expansion of agricultural colleges), processing facilities (abattoirs, dairy infrastructure), aquaculture incubation schemes and rural tourism infrastructure.	
<b>SIP 12: Revitalisation of public hospitals and other health facilities</b> Build and refurbish hospitals, other public health facilities and revamp 122 nursing colleges. Extensive capital expenditure to prepare the public healthcare system to meet the requirements of the National Health Insurance (NHI) system. The SIP contains major builds for 6 hospitals.	
<b>SIP 13: National school build programme</b> A national school build programme driven by uniformity in planning, procurement, contract management and provision of basic services. Replace inappropriate school structures and address basic service backlog and provision of basic services under the Accelerated School Infrastructure Delivery Initiative (ASIDI). In addition, address national backlogs in classrooms, libraries, computer labs and admin buildings. Improving the learning environment will strengthen outcomes especially in rural schools, as well as reduce overcrowding.	
<b>SIP 14: Higher education infrastructure</b> Infrastructure development for higher education, focusing on lecture rooms, student accommodation, libraries and laboratories, as well as ICT connectivity. Development of university towns with a combination of facilities from residence, retail to recreation and transport. Potential to ensure shared infrastructure such as libraries by universities, FETs and other educational institutions. Two new universities will be built - in Northern Cape and Mpumalanga.	
<b>SIP 15: Expanding access to communication technology</b> Provide for broadband coverage to all households by 2020 by establishing core Points of Presence (POPs) in district municipalities, extend new Infracore fibre networks across provinces linking districts, establish POPs and fibre connectivity at local level, and further penetrate the network into deep rural areas. While the private sector will invest in ICT infrastructure for urban and corporate networks, government will co-invest for township and rural access, as well as for e-government, school and health connectivity. The school roll-out focus is initially on the 125 Dinaledi (science and maths-focussed) schools and 1525 district schools. Part of digital access to all South Africans includes TV migration nationally from analogue to digital broadcasting.	
<b>SIP 16: SKA &amp; Meerkat</b> SKA is a global mega-science project, building an advanced radio-telescope facility linked to research infrastructure and high-speed ICT capacity and provides an opportunity for Africa and South Africa to contribute towards global advanced science projects.	
<b>SIP 17: Regional integration for African cooperation and development</b> Participate in mutually beneficial infrastructure projects to unlock long-term socio-economic benefits by partnering with fast growing African economies with projected growth ranging between 3% and 10%.	

<p>The projects involving transport, water and energy also provide competitively-priced, diversified, short and medium to long-term options for the South African economy where, for example, electricity transmission in Mozambique (Cesul) could assist in providing cheap, clean power in the short-term whilst Grand Inga in the DRC is long-term. All these projects complement the Free Trade Area (FTA) discussions to create a market of 600 million people in South, Central and East Africa.</p>	
<p><b>SIP 18: Water and sanitation infrastructure</b>  A 10-year plan to address the estimated backlog of adequate water to supply 1.4m households and 2.1m households to basic sanitation.  The project will involve provision of sustainable supply of water to meet social needs and support economic growth. Projects will provide for new infrastructure, rehabilitation and upgrading of existing infrastructure, as well as improve management of water infrastructure.</p>	
<p><b>SIP 19: Water and Sanitation</b>  a. Vaal River System including Phase 2 of the Lesotho Highlands Water Project: Gauteng  b. Phase 2A of the Mokolo Crocodile River (West) Augmentation Project: Limpopo  c. uMkhomazi Water Project: KwaZulu Natal  d. Olifants River Water Resource Development Project - Phase 2: Limpopo  e. Vaal-Gamagara: Northern Cape  f. Mzimvubu Water Project: Eastern Cape  g. Rehabilitation of the Vaalharts-Taung Irrigation Scheme: Northern Cape &amp; North West  h. Groot Letaba River Water Development Project - Nwamitwa Dam: Limpopo  i. Berg River Voëlvele Augmentation Scheme: Western Cape  j. Rustfontein Water Treatment Works: Free State  k. Orange-Riet Canal Increase of Bulk Raw Water Supply: Free State</p>	
<p><b>SIP 20: Energy</b>  a. Emergency/Risk Mitigation Power Purchase Procurement Programme (2000MW): National  b. Small IPP Power Purchase Procurement Programme (100MW): National  c. Embedded Generation Investment Programme (EGIP)-400MW: National</p>	
<p><b>SIP 21: Transport</b>  a. N1 Windburg Interchange to Windburg Station: Free State  b. N1 Musina Ring Road: Limpopo  c. N1 Polokwane Eastern Ring Rd Phase 2: Limpopo  d. N1 Ventersburg to Kroonstad: Free State (2 projects in One)  e. N2 Mtunzini Toll Plaza to Empangeni T-Junction: KwaZulu Natal  f. N3 Cato Ridge to Dardanelles: KwaZulu Natal  g. N3 Dardanelles to Lynnfield Park: KwaZulu Natal  h. N3 Paradise Valley to Mariannhill Toll Plaza: KwaZulu Natal  i. N2 Edwin Swales to South of EB Cloete Interchange: KwaZulu Natal  j. N3 Ashburton Interchange to Murray Road: KwaZulu Natal  k. N3 Mariannhill Toll Plaza to Key Ridge: KwaZulu Natal  l. N2 EB Cloete Interchange: KwaZulu Natal  m. Small Harbours Development: National  n. N3 New alignment via De Beers Pass: Free State  o. Boegoebaai Port and Rail Infrastructure Project: Northern Cape</p>	
<p><b>SIP 22: Digital Infrastructure</b>  a. National Spatial Infrastructure Hub</p>	
<p><b>SIP 23: Agriculture and Agro-processing</b>  a. Marine Tilapia Industry: Eastern Cape  b. Natural Dehydrated Foods: Mpumalanga</p>	
<p><b>SIP 24: Human Settlements</b>  a. Greater Cornubia: KwaZulu-Natal  b. Vista Park II &amp; III: Free State</p>	

c. Lufhereng: Gauteng	
d. Malibongwe Ridge: Gauteng	
e. N2 Nodal Development: Eastern Cape	
f. Matlosana N12 West: North West	
g. Green Creek: Gauteng	
h. Mooikloof Mega Residential City: Gauteng	
i. Fochville Extension 11: Gauteng	
j. Germiston Ext 4 Social Housing Project: Gauteng	
k. Newcastle Hospital Street Social Housing Project: KwaZulu Natal	
l. Hull Street Social Housing Project Phase 1: Northern Cape	
m. Kwandokuhle Social Housing Project: Mpumalanga	
n. Phola Heights - Tembisa Social Housing Project: Gauteng	
o. Sondela Phase 2: Gauteng	
p. Willow Creek Estate: Mpumalanga	
q. Joe's Place Social Housing: Gauteng	
r. Jeppetown Social Housing Project (Unity House): Gauteng	
<b>SIP 25: Rural Bridges "Welisizwe" Programme</b>	
<b>SIP 26: Rural Roads Upgrade Programme</b>	
<b>SIP 27: Upgrading and Repair of Township Roads in Municipalities Programme</b>	
<b>SIP 28: PV and Water Savings on Government Buildings Programme</b>	
<b>SIP 29: Comprehensive Urban Management Programme</b>	
<b>SIP 30: Digitising of Government Information Programme</b>	
<b>SIP 31: Removal of Alien Vegetation and Innovative Building Materials Programme</b>	
<b>SIP 32: National Upgrading Support Programme (NUSP)</b>	
<b>SIP 33: Solar Water Initiatives Programme</b>	
<b>SIP 34: Student Accommodation</b>	
<b>SIP 35: SA Connect Phase 1B Programme</b>	
<b>SIP 36: Salvokop Precinct</b>	

**PLEASE ATTACH PROOF FROM THE RELEVANT SIP CO-ORDINATOR FOR EACH OF THE SIP PROJECT SELECTED.**

**APPENDIX 6  
DECLARATION OF THE EAP**

I, Johan Killian, declare that –

- I act as the independent environmental assessment practitioner in this application;
- I have expertise in conducting environmental impact assessments, including knowledge of the Act, Regulations and any guidelines that have relevance to the proposed activity;
- I will comply with the Act, Regulations and all other applicable legislation;
- I will perform the work relating to the application in an objective manner, even if this results in views and findings that are not favourable to the applicant;
- I will take into account, to the extent possible, the matters listed in Regulation 14 of the Regulations when preparing the application and any report relating to the application;
- I undertake to disclose to the applicant and the Competent Authority all material information in my possession that reasonably has or may have the potential of influencing - any decision to be taken with respect to the application by the Competent Authority; and - the objectivity of any report, plan or document to be prepared by myself for submission to the Competent Authority, unless access to that information is protected by law, in which case it will be indicated that such information exists and will be provided to the Competent Authority;
- I will perform all obligations as expected from an environmental assessment practitioner in terms of the Regulations; and
- I am aware of what constitutes an offence in terms of Regulation 48 and that a person convicted of an offence in terms of Regulation 48(1) is liable to the penalties as contemplated in Section 49B of the Act.

**Disclosure of Vested Interest (delete whichever is not applicable)**

- I do not have and will not have any vested interest (either business, financial, personal or other) in the proposed activity proceeding other than remuneration for work performed in terms of the Regulations;

  
\_\_\_\_\_  
Signature of the environmental assessment practitioner

Teffamanzi Group (Pty) Ltd.  
\_\_\_\_\_  
Name of company.

27 July 2021  
\_\_\_\_\_  
Date



**UNDERTAKING UNDER OATH/ AFFIRMATION**

I, Johan Killian, swear under oath / affirm that all the information submitted or to be submitted for the purposes of this application is true and correct.



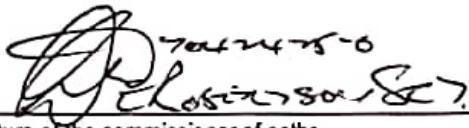
Signature of the environmental assessment practitioner

Terramanzi Group (Pty) Ltd.

Name of company

27 July 2021

Date



Signature of the commissioner of oaths

2021-07-27

Date

