



Appendix A

**ENVIRONMENTAL AUTHORISATION (EA)**





## **environmental affairs**

Department:  
Environmental Affairs  
REPUBLIC OF SOUTH AFRICA

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

**DEA Reference:** 14/12/16/3/3/2/1017

**Enquiries:** Mr Vincent Chauke

**Telephone:** (012) 399 9399 **E-mail:** [VChauke@environment.gov.za](mailto:VChauke@environment.gov.za)

Mr Michael Mangnall  
South African Mainstream Renewable Power Developments (Pty) Ltd  
PO Box 45063  
**CLAREMONT**  
7735

Telephone Number: (021) 657 045  
Cell phone Number: (083) 785 1492  
Email Address: [mike.mangnall@mainstreamrp.com](mailto:mike.mangnall@mainstreamrp.com)

### **PER E-MAIL / MAIL**

Dear Mr Mangnall

### **APPLICATION FOR ENVIRONMENTAL AUTHORISATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998: GN R. 982/983/984 FOR THE CONSTRUCTION OF THE 235MW GRASKOPPIES WIND FARM SITUATED NEAR LOERIESFONTEIN, HANTAM AND KHAI-MA LOCAL MUNICIPALITIES IN THE NORTHERN CAPE PROVINCE**

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

In terms of regulation 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 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 2 of Government Notice No. R.993, which prescribes the appeal procedure to be followed. An appellant must submit an 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.

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: [Appealsdirector@environment.gov.za](mailto:Appealsdirector@environment.gov.za)

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.

For guidance on appeals submitted to the Minister in terms of NEMA and the SEMAs, please find a copy of the guideline on the administration of appeals on the Department's website: ([https://www.environment.gov.za/documents/forms#legal\\_authorisations](https://www.environment.gov.za/documents/forms#legal_authorisations)).

Kindly include a copy of this document with the letter of notification to interested and affected parties.

Yours faithfully



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

Date: 15/03/2016

cc:	A Gibb	SIVEST SA (Pty) Ltd	Email: <a href="mailto:andrea@siinvest.co.za">andrea@siinvest.co.za</a>
	B Fisher	Northern Cape DENC	Email: <a href="mailto:bfisher@ncpg.gov.za">bfisher@ncpg.gov.za</a>
	R van Wyk	Hantam Local Municipality	Email: <a href="mailto:socialdev1@hantam.gov.za">socialdev1@hantam.gov.za</a>
	O I saacs	Khai-Ma Local Municipality	Email: <a href="mailto:munman@khaima.gov.za">munman@khaima.gov.za</a>



## environmental affairs

Department:  
Environmental Affairs  
REPUBLIC OF SOUTH AFRICA

# Environmental Authorisation

In terms of Regulation 25 of the Environmental Impact Assessment Regulations, 2014

The construction of the 235MW Graskoppies Wind Farm situated near Loeriesfontein, Hantam and  
Khai-Ma Local Municipalities in the Northern Cape Province

### Namakwa District Municipality

<b>Authorisation register number:</b>	<i>14/12/16/3/3/2/1017</i>
<b>Last amended:</b>	<i>First issue</i>
<b>Holder of authorisation:</b>	<i>South African Mainstream Renewable Power Developments (Pty) Ltd</i>
<b>Location of activity:</b>	<i>The Farm Graskoppies No. 216, Portion 2 (Eastern Portion) and Farm Hartebeest Leegte No. 216, Portion 1 (Eastern Portion); Hantam Local Municipality; Namakwa District Municipality; Northern Cape Province.</i>

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.

*M.S*

## 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 environmental authorisation may result in criminal prosecution or other actions provided for in the National Environmental Management Act, 1998 and the EIA regulations.

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

## Activities authorised

By virtue of the powers conferred on it by the National Environmental Management Act, 1998 (Act No. 107 of 1998) and the Environmental Impact Assessment Regulations, 2014 the Department hereby authorises –

### **SOUTH AFRICAN MAINSTREAM RENEWABLE POWER DEVELOPMENTS (PTY) LTD**

(Hereafter referred to as the **holder of the authorisation**)

With the following contact details –

Mr Michael Mangnall

South African Mainstream Renewable Power Developments (Pty) Ltd

PO Box 45063

**CLAREMONT**

7735

Telephone Number: (021) 657 045

Cell phone Number: (083) 785 1492

Fax Number: (021) 671 5665

Email Address: [mike.mangnall@mainstreamrp.com](mailto:mike.mangnall@mainstreamrp.com)

to undertake the following activities (hereafter referred to as "the activity") indicated in Listing Notice 1, Listing Notice 2 and Listing Notice 3 as amended (GN R. 983, 984 and 985 as amended):

Activity number	Activity description
<p><u>GN R 983 Activity 11:</u> <i>"The development of facilities or infrastructure for the transmission and distribution of electricity-</i> <i>(i) Outside urban areas or industrial complexes with a capacity of more than 33 but less than 275 kilovolts."</i></p>	<p>An on-site IPP substation will be required for the Graskoppies Wind Farm. The proposed on-site IPP substation will have a capacity of 132kV.</p>
<p><u>GN R. 983 Activity 12:</u> <i>"The development of –</i> <i>(ii) infrastructure or structures with a physical footprint of 100m<sup>2</sup> or more;</i> <i>Where such development occurs –</i> <i>(a) within a watercourse; or</i> <i>(c) If no development setback exists, within 32m of a water course, measured from the edge of a watercourse."</i></p>	<p>Drainage lines are scattered across the proposed site and roads segments and other infrastructure are likely to cross these lines or be within 32m thereof.</p>
<p><u>GN R. 983 Activity 19:</u> <i>"The infilling or depositing of any material of more than 10m<sup>3</sup> into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock of more than 10m<sup>3</sup> from a watercourse."</i></p>	<p>The infilling or depositing of any material of more than 10m<sup>3</sup> into a watercourse may be triggered during the construction of internal service roads.</p>
<p><u>GN R. 983 Activity 24:</u> <i>"The development of-</i> <i>(ii) A road with a reserve wider than 13.5 metres, or where no reserve exists where the road is wider than 8 metres."</i></p>	<p>Internal access roads with a maximum width of 20m are initially being proposed for the construction phase. This is however only temporary as the width of proposed internal access roads will be reduced to approximately 6m - 8m for maintenance purposes during the operational phase.</p>

<p><u>GN R. 983 Activity 28:</u> <i>"Residential, mixed, retail, commercial, industrial or institutional developments where such land was used for agriculture, game farming, equestrian purposes or afforestation on or after 1 April 1998 and where such development:</i> <i>(ii) Will occur outside an urban area, where the total land to be developed is bigger than 1 ha."</i></p>	<p>The proposed farm on which the project is proposed is still being used for livestock grazing (mostly sheep) and an area of more than 1 hectares will be transformed into an industrial land use.</p>
<p><u>GN R. 983 Activity 56:</u> <i>"The widening of a road by more than 6m, or lengthening of a road by more than 1km-</i> <i>(ii) Where no reserve exists, where the existing road is wider than 8m."</i></p>	<p>Existing access roads will need to be upgraded in order to access the site. Internal access roads with a maximum width of 20m are initially being proposed for the construction phase. This is however only temporary as the width of proposed internal access roads will be reduced to approximately 6m - 8m for maintenance purposes during the operational phase.</p>
<p><u>GN R. 984 Activity 1:</u> <i>"The development of facilities or infrastructure for the generation of electricity from a renewable resource where the electricity output is 20 megawatts or more."</i></p>	<p>The proposed wind farm would have a maximum generation capacity of up to 235MW.</p>
<p><u>GN R. 984 Activity 15:</u> <i>"The clearance of an area of 20 hectares or more of indigenous vegetation."</i></p>	<p>Physical alteration of undeveloped land for industrial use would take place. The total area to be disturbed is expected to be approximately 56.32 hectares.</p>

as described in the Environmental Impact Assessment Report (EIAr) dated 17 January 2018 at:

**21 SG Codes:**

C	0	1	5	0	0	0	0	0	0	0	0	0	0	1	7	6	0	0	0	0	2
C	0	1	5	0	0	0	0	0	0	0	0	0	0	2	1	6	0	0	0	0	1



**Site (preferred)**

Alternative (preferred site)	Latitude	Longitude
GW_01 (NW)	30° 13' 09.855" S	19° 21' 04.405" E
GW_02	30° 12' 54.109" S	19° 22' 15.337" E
GW_03 (NE)	30° 13' 04.366" S	19° 24' 07.001" E
GW_04	30° 13' 45.462" S	19° 24' 32.743" E
GW_05	30° 14' 24.569" S	19° 22' 46.560" E
GW_06	30° 17' 46.856" S	19° 22' 06.188" E
GW_07 (SE)	30° 20' 56.167" S	19° 20' 33.531" E
GW_08 (SW)	30° 20' 20.079" S	19° 19' 08.896" E
<b>Centre Point Coordinates</b>		
GW_09	30° 16' 29.185" S	19° 21' 21.756" E
Preferred buildable area	30° 16' 54.660" S	19° 21' 09.655" E
Substation option 1	30° 15' 58.132" S	19° 20' 35.446" E

- for the construction of the 235MW Graskoppies Wind Farm situated near Loeriesfontein, Hantam and Khai-Ma Local Municipalities in the Northern Cape Province, hereafter referred to as "the property".

The 235MW Graskoppies Wind Farm will comprise of the following technical details:

Component	Description/ Dimensions
Farm name and area	Portion 2 of the Farm Graskoppies No. 176 (Eastern portion) and Portion 1 of the Farm Hartebeest Leegte No. 216 (Eastern portion) in the Northern Cape
21 digit SG Codes	C01500000000017600002 & C01500000000021600001
Export capacity	Up to 235MW
Proposed technology	Wind Energy – (Between 4MW – 8MW per turbine)
Number of Turbines	Up to 47
Hub height from ground level	Up to 160m
Rotor diameter	Up to 160m
IPP substation	132kV on-site Graskoppies IPP Substation

	The turbines will be connected via medium voltage cables to the proposed 132kV on-site Graskoppies IPP Substation.
Width and length of internal roads	Construction – up to approximately 20m (width) Permanent – approximately 6M - 8m
Fencing	Up to 5m (Fence will either mesh or palisade)
Other Infrastructures	<ul style="list-style-type: none"> <li>• The operations and maintenance buildings, including an on-site spares storage building, a workshop and an operations building.</li> <li>• A temporary construction lay down area.</li> <li>• A hard standing area / platform per turbine.</li> </ul>

## Conditions of this Environmental Authorisation

### Scope of authorisation

1. The construction of the 235MW Graskoppies Wind Farm situated near Loeriesfontein, Hantam Local Municipality in the Northern Cape Province and its associated infrastructure as described above is hereby approved.
2. During the detailed design of the facility, the holder of this environmental authorisation must, in consultation with the Square Kilometre Array South Africa (SKA SA) Project office, conduct appropriate EMI and RFI studies in order to evaluate the impact the facility could have on the SKA radio telescope.
3. The EMI/RFI reports, together with an appropriate EMC control plan, must be submitted to the SKA project office for approval, prior to the construction of the facility. The EMC control plan must address the proven technical and engineering design solutions that will be implemented to full mitigate the risk of the proposed project. Proof of SKA's approval of the EMC control plan must be submitted to this Department for approval prior to commencement of construction.
4. Construction on site must not commence until all the required studies and EMC control plans are approved by the SKA project office.
5. Authorisation of the activity is subject to the conditions contained in this environmental authorisation, which form part of the environmental authorisation and are binding on the holder of the authorisation.
6. 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.
7. The activities authorised may only be carried out at the property as described above.
  8. Any changes to, or deviations from, the project description set out in this environmental authorisation must be approved, in writing, by the Department before such changes or deviations may be effected. In assessing whether to grant such approval or not, the Department may request such information as it deems necessary to evaluate the significance and impacts of such changes or deviations and it may be necessary for the holder of the authorisation to apply for further environmental authorisation in terms of the regulations.
  9. The holder of an environmental authorisation must apply for an amendment of the environmental authorisation with the competent authority for any alienation, transfer or change of ownership rights in the property on which the activity is to take place.
  10. This activity must commence within a period of five (05) years from the date of issue of this environmental authorisation. If commencement of the activity does not occur within that period, the authorisation lapses and a new application for environmental authorisation must be made in order for the activity to be undertaken.
  11. Commencement with one activity listed in terms of this environmental authorisation constitutes commencement of all authorised activities.

#### **Notification of authorisation and right to appeal**

12. The holder of the authorisation must notify every registered interested and affected party, in writing and within 14 (fourteen) calendar days of the date of this environmental authorisation, of the decision to authorise the activity.
13. The notification referred to must –
  - 13.1. Specify the date on which the authorisation was issued;
  - 13.2. Inform the interested and affected party of the appeal procedure provided for in the National Appeal Regulations, 2014;
  - 13.3. Advise the interested and affected party that a copy of the authorisation will be furnished on request; and
  - 13.4. Provide the reasons of the competent authority for the decision.
14. The holder of the authorisation must publish a notice –
  - 14.1. Informing interested and affected parties of the decision;
  - 14.2. Informing interested and affected parties where the decision can be accessed; and

- 14.3. Drawing the attention of interested and affected parties to the fact that an appeal may be lodged against this decision in terms of the National Appeal Regulations, 2014.

### **Commencement of the activity**

15. The authorised activity shall not commence until the period for the submission of appeals has lapsed as per the National Appeal Regulations, 2014. In terms of section 43(7), an appeal under section 43 of the National Environmental Management Act, 1998 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 has been finalised.

### **Management of the activity**

16. A final site layout plan submitted as part of the EIAr is not approved. A copy of the final site layout map must be made available for comments by registered Interested and Affected Parties and the holder of this environmental authorisation must consider such comments. Once amended, the final development layout map must be submitted to the Department for written approval prior to commencement of the activity with the amended EMPr. All available biodiversity information must be used in the finalisation of the layout map. Existing infrastructure must be used as far as possible e.g. roads. The layout map must indicate the following:
- 16.1. Internal roads indicating the width;
  - 16.2. Substation(s) inverters and/or transformer(s) sites including their entire footprint;
  - 16.3. Connection routes (including pylon positions) to the distribution/transmission network;
  - 16.4. Soil heaps (temporary for topsoil and subsoil and permanently for excess material);
  - 16.5. Buildings, including accommodation; and,
  - 16.6. All "no-go" and buffer areas.
17. 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 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  
Arcadia  
Pretoria

**For Attention:** Mr Muhammad Essop  
Integrated Environmental Authorisations  
Strategic Infrastructure Developments

**Telephone Number:** (012) 399 9406

**Email Address:** [MEssop@environment.gov.za](mailto:MEssop@environment.gov.za)

18. The Environmental Management Programme (EMPr) submitted as part of the EIAr is not approved and must be amended to include the provisions of this environmental authorisation. The EMPr must be made available for comments by registered Interested and Affected Parties and the holder of this environmental authorisation must consider such comments. Once amended, the final EMPr must be submitted to the Department for written approval prior to commencement of the activity. Once approved the EMPr must be implemented and adhered to.
19. The EMPr amendment must also include the following:
- 19.1. An EMC Control Plan, which identifies potential risk, mitigation measures and appropriate test and acceptable procedures during the design and construction of this facility. The EMC Control Plan must be made available by the holder of this environmental authorisation to Square Kilometre Array South Africa (SKA-SA) for approval.
  - 19.2. All recommendations and mitigation measures recorded in the EIAr.
  - 19.3. All mitigation measures as listed in the specialist reports within the EIAr.
  - 19.4. The final site layout map.
  - 19.5. 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.

- 19.6. 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.
- 19.7. A re-vegetation and habitat rehabilitation plan to be implemented during the 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.
- 19.8. 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 minimize 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.
- 19.9. A construction and operational avifauna and bat monitoring plan.
- 19.10. A heritage conservation management plan which must have been submitted to SAHRA for review and comment.
- 19.11. A storm water management plan to be implemented during the 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.
- 19.12. 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 the risk of any potential erosion.
- 19.13. 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.
- 19.14. A fire management plan to be implemented during the construction and operational phases.
- 19.15. Measures to protect hydrological features such as streams, rivers, pans, wetlands, dams and their catchments, and other environmental sensitive areas from construction impacts including the direct or indirect spillage of pollutants.
- 19.16. An environmental sensitivity map indicating environmental sensitive areas and features identified during the EIA process.

- 19.17. A map combining the final layout map superimposed (overlain) on the environmental sensitivity map. This map must reflect the proposed location of the turbine as stated in the EIAr and this authorisation.
20. The final amended EMPr (once approved) must be implemented and strictly enforced during all phases of the project. It shall be seen as a dynamic document and shall be included in all contract documentation for all phases of the development when approved.
21. Changes to the approved EMPr must be submitted in accordance to the EIA Regulations applicable at the time.
22. The Department reserves the right to amend the approved EMPr should any impacts that were not anticipated or covered in the EIAr be discovered.

### **Frequency and process of updating the EMPr**

23. The EMPr must be updated where the findings of the environmental audit reports, contemplated in Condition 30 below, indicate insufficient mitigation of environmental impacts associated with the undertaking of the activity, or insufficient levels of compliance with the environmental authorisation or EMPr.
24. The updated EMPr must contain recommendations to rectify the shortcomings identified in the environmental audit report.
25. The updated EMPr must be submitted to the Department for approval together with the environmental audit report, as per Regulation 34 of GN R. 982. The updated EMPr must have been subjected to a public participation process, which process has been agreed to by the Department, prior to submission of the updated EMPr to the Department for approval.
26. In assessing whether to grant approval of an EMPr which has been updated as a result of an audit, the Department will consider the processes prescribed in Regulation 35 of GN R. 982. Prior to approving an amended EMPr, the Department may request such amendments to the EMPr as it deems appropriate to ensure that the EMPr sufficiently provides for avoidance, management and mitigation of environmental impacts associated with the undertaking of the activity.
27. The holder of the authorisation may apply for an amendment of an EMPr, if such amendment is required before an audit is required. The holder must notify the Department of its intention to amend the EMPr at least 60 days prior to submitting such amendments to the EMPr to the Department for approval. In assessing whether to grant such approval or not, the Department will consider the processes and requirements prescribed in Regulation 37 of GN R. 982.

## Monitoring

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

## Recording and reporting to the Department

29. All documentation e.g. audit/monitoring/compliance reports and notifications, required to be submitted to the Department in terms of this environmental authorisation, must be submitted to the *Director: Compliance Monitoring* of the Department.
30. The holder of the environmental authorisation must, for the period during which the environmental authorisation and EMPr remain valid, ensure that project compliance with the conditions of the environmental authorisation and the EMPr are audited, and that the audit reports are submitted to the *Director: Compliance Monitoring* of the Department.
31. The frequency of auditing and of submission of the environmental audit reports must be as per the frequency indicated in the EMPr, taking into account the processes for such auditing as prescribed in Regulation 34 of GN R. 982.
32. The holder of the authorisation must, in addition, submit environmental audit reports to the Department within 30 days of completion of the construction phase (i.e. within 30 days of site handover) and a final environmental audit report within 30 days of completion of rehabilitation activities.
33. The environmental audit reports must be compiled in accordance with Appendix 7 of the EIA Regulations, 2014 and must indicate the date of the audit, the name of the auditor and the outcome of the audit in terms of compliance with the environmental authorisation conditions as well as the requirements of the approved EMPr.
34. Records relating to monitoring and auditing must be kept on site and made available for inspection to any relevant and competent authority in respect of this development.



### **Notification to authorities**

35. A written notification of commencement must be given to the Department no later than fourteen (14) days prior to the commencement of the activity. Commencement for the purposes of this condition includes site preparation. The notice must include a date on which it is anticipated that the activity will commence, as well as a reference number.

### **Operation of the activity**

36. A written notification of operation must be given to the Department no later than fourteen (14) days prior to the commencement of the activity operational phase.

### **Site closure and decommissioning**

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

### **Specific conditions**

38. Up to 47 wind turbines are approved.
39. All wind turbines and associated infrastructure (roads, powerlines and substations) must avoid all areas designated as "no-go" areas as well as their buffers.
40. The final placement of turbines must follow a micro siting procedure involving a walk-through and identification of any sensitive areas by the ecological, avifaunal, bat, surface water and heritage specialists.
41. Exclusion of sensitive ecological, avifaunal, bat, surface water and heritage areas from construction activities must inform micro siting of all development activities.
42. A 300m "no-go" buffer must be applied around all identified water points as they serve as focal points for bird activity.
43. All turbines must be curtailed below cut in speed and not allow for free-wheeling from the start of operation, for every night of the year from sunset to sunrise.
44. The following curtailment schedule must be implemented. The levels of curtailment must be adjusted according to the results of the operational monitoring, based on robust mortality data:

	<b>Specific conditions of mitigation implementation</b>
Peak activity (times to implement curtailment/ mitigation)	Met Mast (80m): 15 – 25 January over the time of sunset – 01:00
Environmental conditions in which to implement curtailment/ mitigation	Met Mast (80m): Wind speed below 7m/s <i>and</i> Temperature above 18°C
Peak activity (times to implement curtailment/ mitigation)	Met Mast (80m): 25 August – 30 November over the time of sunset – 00:00
Environmental conditions in which to implement curtailment/ mitigation	Met Mast (80m): Wind speed below 8m/s (non-normalised data used) <i>and</i> Temperature above 14°C

45. A construction and operational avifauna and bat monitoring plan must be developed and implemented according to the latest BirdLife South Africa/Endangered Wildlife Trust: Best practice guidelines for avian monitoring and impact mitigation at proposed wind energy development sites in Southern Africa and the latest South African Bat Assessment Advisory Panel's (SABAAP) guidelines.
46. As an absolute minimum, avifauna and bat monitoring, must occur during the construction period and continue for at least three years during the operation of the facility. The results of this monitoring must be made available to the DEA, Birdlife South Africa (BLSA) and the South African Bat Assessment Advisory Panel (SABAAP) and must further advise the EMPr where necessary.
47. The holder of the environmental authorisation must ensure that the implementation of an operational monitoring plan to survey impacts resulting from the infrastructure on the bird communities with focus on assessing the displacement and disturbance effects of the development on the bird communities, as well as bird collisions and continue to gather information on the bird communities present in the area and monitor the effectiveness of the mitigation measures for a minimum duration of at least three years.
48. The facility must be designed in a manner that prevents infrastructure components from being used as perching or roosting substrates by birds and bats, as such is prohibited.
49. The holder of this environmental authorisation must restrict the construction activities to the footprint area. No access to the remainder of the property is allowed.
50. Anti-collision devices such as bird flappers must be installed where powerlines cross avifaunal corridors (e.g. drainage lines and wetland areas). 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 and EWT's Guidelines.
51. All internal powerline/cables must follow internal access roads.
52. All powerlines linking the turbines to the onsite substation must be buried.

53. The "no-go" areas of the development property must be clearly demarcated and must be excluded from the final layout plan.
54. Relevant permits must be obtained from relevant authorities for any removal or destruction of Threatened or Protected Species (TOPs).
55. 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. Copies of the permits must be kept by the ECO.
56. 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).
57. Construction activities must be restricted to demarcated areas to restrict the impact on sensitive environmental features.
58. All areas of disturbed soil must be reclaimed using only indigenous grass and shrubs. Reclamation activities shall be undertaken according to the rehabilitation plan to be included in the final EMPr.
59. Topsoil from all excavations and construction activities must be salvaged and reapplied during reclamation.
60. No exotic plants must be used for rehabilitation purposes; only indigenous plants of the area must be utilised.
61. No activities will be allowed to encroach into a water resource without a Water Use License being in place from the Department of Water and Sanitation.
62. Cleared alien vegetation must not be dumped on adjacent intact vegetation during clearing but must be temporarily stored in a demarcated area.
63. Contractors and construction workers must be clearly informed of the "no-go" areas.
64. Where roads pass right next to drainage lines and wetlands, provisions must be made for fauna such as toads to pass under the roads by using culverts or similar structures.
65. Bridge design must be such that it minimises impact to riparian areas with minimal alterations to water flow and must allow the movement of fauna and flora.
66. The final development area should be surveyed for species suitable for search and rescue, which should be trans-located prior to the commencement of construction.
67. The "no-go" areas of the development property must be clearly demarcated and must be avoided.
68. Disturbed areas must be rehabilitated after construction with local indigenous plants to enhance the conservation of existing natural vegetation on site.
69. Wetlands and drainage lines areas must be treated as "no-go" areas and demarcated as such. No vehicles, machinery, personnel, construction material, fuel, oil, bitumen or waste must be allowed into

these areas without the express permission of and supervision of the ECO, except for rehabilitation work in these areas.

70. Workers must be made aware of the importance of not destroying or damaging the vegetation along wetland and drainage lines areas and this awareness must be promoted throughout the construction phase.
71. No discharge of effluents or polluted water must be allowed into any drainage lines or wetland areas.
72. Existing road infrastructure must be used as far as possible for providing access to the proposed turbine positions. Where no road infrastructure exists, new roads must be placed within existing disturbed areas or environmental conditions must be taken into account to ensure that minimum amount of damage is caused to natural habitats.
73. A designated access to the site must be created and clearly marked to ensure safe entry and exit.
74. Signage must be erected at appropriate points warning of turning traffic and the construction site.
75. Necessary permits must be obtained for the oversized construction vehicles to transport turbine components.
76. Construction vehicles carrying materials to the site must avoid using roads through densely populated built-up areas so as not to disturb existing retail and commercial operations.
77. Signs must be placed along construction roads to identify speed limits, travel restrictions, and other standard traffic control information to minimize impacts on possible faunal species.
78. Road borders must be regularly maintained to ensure that vegetation remains short and that they therefore serve as an effective firebreak.
79. Roads must be designed such that changes to surface water runoff are avoided and erosion is not initiated.
80. The holder of this environmental 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.
81. 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.
82. Lighting of main structures (turbines) and ancillary buildings must be designed to minimise light pollution without compromising safety, and turbines must be lit according to Civil Aviation Regulations.
83. Signage on or near wind turbines must be avoided unless they serve to inform the public about wind turbines and their function.
84. Commercial messages and graffiti on turbines are prohibited.
85. 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

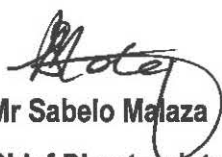
- safety zone for wind turbines from residences and occupied buildings, roads, right-of-ways and other public access areas that is sufficient to prevent accidents resulting from the operation of the wind turbines.
86. Potential interference with public safety communication systems (e.g. radio traffic related to emergency activities) must be avoided.
  87. The holder of this environmental 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. A copy of the approval must be kept on site by the ECO.
  88. The holder of this environmental authorisation must ensure that the operation of the wind facility complies with the relevant communication regulations or guidelines relating to electromagnetic interference, e.g. microwave, radio and television transmissions.
  89. The holder of this environmental 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.
  90. Liaison with land owners/farm managers must be done prior to construction in order to provide sufficient time for them to plan agricultural activities.
  91. No unsupervised open fires for cooking or heating must be allowed on site.
  92. Areas around fuel tanks must be contained in an appropriate manner as per the requirements of SABS 089:1999 Part 1.
  93. Leakage of fuel must be avoided at all times and if spillage occurs, it must be remedied immediately.
  94. Hazardous waste such as bitumen, oils, oily rags, paint tins etc. must be disposed of at an approved waste landfill site licensed to accept such waste.
  95. 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.
  96. Hazardous substances must not be stored where there could be accidental leakage into surface or subterranean water.
  97. 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 lines with or without an extensive floodplain or hillside wetlands.
  98. Temporary bunds must be constructed around chemical storage to contain possible spills.
  99. Spill kits must be made available on-site for the clean-up of spills.

100. An integrated waste management approach must be implemented that is based on waste minimisation and must incorporate reduction, recycling and re-use options where appropriate. Where solid waste is disposed of, such disposal shall only occur at a landfill licensed in terms of section 20(b) of the National Environment Management Waste Act, 2008 (Act 59 of 2008).
101. The holder of this environmental authorisation must provide sanitation facilities within the construction camps and along the road so that workers do not pollute the surrounding environment. These facilities must be removed from the site when the construction phase is completed as well as associated waste to be disposed of at a registered waste disposal site.
102. The holder of this environmental authorisation must take note that no temporary site camps will be allowed outside the footprint of the development area as the establishment of such structures might trigger a listed activity as defined in the Environmental Impact Assessment Regulations, 2014 as amended.
103. The holder of this environmental authorisation must provide sanitation facilities for the operation staff.
104. Underground cables and internal access roads must be aligned as much as possible along existing infrastructure such as roads to limit damage to vegetation, drainage lines and wetland areas.
105. 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.
106. Borrow materials must be obtained only from authorised and permitted sites. Permits must be kept on site by the ECO.
107. Anti-erosion measures such as silt fences must be installed in disturbed areas.
108. A walk-down of the final layout must be conducted by a qualified archaeologist prior to construction. A report detailing the results of the walk-down must be submitted to SAHRA for comment and approval prior to construction. Construction must not commence without approval from SAHRA.
109. Construction activities must avoid the historical farmstead at GK001 and a 30m "no-go" buffer must be applied.
110. If concentrations of archaeological heritage material, fossils and human remains are uncovered during construction, all work must cease immediately and be reported to the South African Heritage Resources Agency (SAHRA) so that a systematic and professional investigation / excavation can be undertaken.
111. Construction managers/foremen must be informed before construction starts of the possible types of heritage sites and cultural material that may be encountered and the procedures to follow when they find sites.
112. All buffers and "no-go" areas stipulated in the EIAR must be adhered to for both the facilities and all roads and powerlines.

**General**

113. The recommendations of the EAP in the EIAR dated 17 January 2018 and the specialist studies attached must be adhered to. In the event of any conflicting mitigation measures and conditions of the Environmental Authorisation, the specific condition of this environmental authorisation will take preference.
114. A copy of this environmental authorisation, the audit and compliance monitoring reports, and the approved EMPr, must be made available for inspection and copying-
- 114.1. At the site of the authorised activity;
  - 114.2. To anyone on request; and
  - 114.3. Where the holder of the environmental authorisation has a website, on such publicly accessible website.
115. 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 holder of the authorisation or his/her 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 holder of the authorisation 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: 15/03/2018



**Mr Sabelo Malaza**

**Chief Director: Integrated Environmental Authorisations**

**Department of Environmental Affairs**

## Annexure 1: Reasons for Decision

### 1. Information used in making the decision

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

- a) The listed activities as applied for in the application form received on 21 June 2017 and amended on 29 January 2018.
- b) The information contained in the draft Scoping Report dated 21 June 2017 and received on 21 June 2017.
- c) The information contained in the final Scoping Report dated 04 August 2018 and received on 04 August 2018.
- d) The information contained in the draft EIAr dated 31 October 2017 and received on 31 October 2017.
- e) The information contained in the final EIAr dated 17 January 2018 and received on 17 January 2018.
- f) The comments received from the following authorities: Vodacom, SAHRA, Telkom, the Department of Water and Sanitation, the SANDF, the South African Weather Service, the Square Kilometre Array (SKA) SA, ESKOM, SENTECH, BirdLife, Northern Cape Department of Roads and Public Works, SANRAL, the Southern African Large Telescope (SALT) at the South African Astronomical Observatory (SAAO), Hantam Local Municipality, South African Civil Aviation Authority, DEA: the Directorate Biodiversity Conservation, Commission on restitution of Land Rights and various interested and affected parties.
- g) The information contained in all the specialist studies contained within the appendices of the final EIAr dated 17 January 2018.

### 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 and their recommended mitigation measures.
- b) The need for the proposed project stems from the provision of electricity to the national grid.
- c) The EIAr dated 17 January 2018 identified all legislation and guidelines that have been considered in the preparation of the EIAr.
- d) The location of turbine positions presented in the final EIAr and relative to other authorised developments in the area and the SKA-SA.



- e) The methodology used in assessing the potential impacts identified in the EIAr dated 17 January 2018 and the specialist studies have been adequately indicated.
- f) The findings of the site inspection held on 29 November 2017.
- g) A sufficient public participation process was undertaken and the applicant has satisfied the minimum requirements as prescribed in the EIA Regulations, 2014 (as amended) for public involvement.

### 3. Findings

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

- a) The identification and assessment of impacts are detailed in the EIAr dated 17 January 2018 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 information contained in the EIAr dated 17 January 2018 is deemed to be accurate and credible.
- d) The proposed mitigation of impacts identified and assessed adequately curtails the identified impacts.
- e) EMPr measures for the pre-construction, construction and rehabilitation phases of the development were proposed and included in the EIAr and will be implemented to manage the identified environmental impacts during the construction phase.

In view of the above, the Department is satisfied that, subject to compliance with the conditions contained in the environmental authorisation, the authorised activities 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 authorised activities can be mitigated to acceptable levels. The environmental authorisation is accordingly granted.



## **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:** 14/12/16/3/3/2/1017/AM1

**Enquiries:** Ms Zesipho Makhosayafana

**Telephone:** 012 399 8741 **E-mail:** zmakhosayafana@environment.gov.za

Mr Eugene Marais  
South Africa Mainstream Renewable Power Developments (Pty) Ltd  
PO Box 45063  
**CLAREMONT**  
7735

Tel: (021) 657 4045  
E-mail: eugene.marais@mainstreamrp.com

### **PER MAIL / EMAIL**

Dear Mr Marais

### **AMENDMENT OF THE ENVIRONMENTAL AUTHORISATION ISSUED ON 15 MARCH 2018 FOR THE CONSTRUCTION OF THE 235MW GRASKOPPIES WIND FARM SITUATED NEAR LOERIESFONTEIN, HANTAM AND KHAI-MA LOCAL MUNICIPALITIES IN THE NORTHERN CAPE PROVINCE**

The Environmental Authorisation (EA) issued for the above application by this Department on 15 March 2018 and your application for amendment of the EA received by this Department on the 11 April 2019 refer.

Based on a review of the reason for requesting an amendment to the abovementioned EA, this Department, in terms of Chapter 5 of the Environmental Impact Assessment Regulations, 2014 as amended, has decided to amend the EA dated 15 March 2018, as follows:

#### **Amendment 1 to turbine curtailment**

##### **Condition 43 on Page 13**

**From:**

All turbines must be curtailed below cut in speed and not allow for free-wheeling from the start of the operation, for every night of the year from sunset to sunrise.

**To:**

Curtailed be applied from the start of operation at Level 3 on all turbines for every night from dusk until dawn, from 1 August to 30 April every year (thus months of May, June and July are excluded). Level three requires ninety degree feathering of blades below manufacturer's cut in speed so it is exactly parallel to the wind direction as to minimise free-wheeling blade rotation as much as possible without locking the blades.

##### **Condition 44 of page 13 and 14**

**From:**

The following curtailment schedule must be implemented. The levels of curtailment must be adjusted according to the results of the operational monitoring, based on robust mortality data:

*M.S.*

	<b>Specific conditions of mitigation implementation</b>
Peak activity (times to implement curtailment/ mitigation)	Met Mast (80m): 15 – 25 January over the time of sunset – 01:00
Environmental conditions in which to implement curtailment/ mitigation	Met Mast (80m): Wind speed below 7m/s <i>and</i> Temperature above 18°C
Peak activity (times to implement curtailment/ mitigation)	Met Mast (80m): 25 August – 30 November over the time of sunset – 00:00
Environmental conditions in which to implement curtailment/ mitigation	Met Mast (80m): Wind speed below 8m/s (non-normalised data used) <i>and</i> Temperature above 14°C

**To:**

Should robust and scientifically defensible data gathered during the operational study phase reveal higher bat mortalities than currently anticipated, the mitigations in Table 1 should be applied to the turbines identified as causing the highest impacts. Such curtailment specified in Table 1 will have to be at a maximum of Level 5 which requires ninety degree feathering of blades below mitigation cut in conditions.

Table 1: The periods and weather conditions for implementation when needed, as outlined above

<b>Specific conditions of mitigation implementation</b>	
Peak activity (times to implement curtailment/ mitigation)	Met Mast (80m): 15 – 25 January over the time of sunset – 01:00
Environmental conditions in which to implement curtailment/ mitigation	Met Mast (80m): Wind speed below 7m/s <i>and</i> Temperature above 18°C
Peak activity (times to implement curtailment/ mitigation)	Met Mast (80m): 25 August – 30 November over the time of sunset – 00:00
Environmental conditions in which to implement curtailment/ mitigation	Met Mast (80m): Wind speed below 8m/s (non-normalised data used) <i>and</i> Temperature above 14°C

**Amendment 2: Contact details for the holder of the EA**

**From:**

South African Mainstream Renewable Power Developments (Pty) Ltd  
 Mr Michael Mangnall  
 PO Box 45063  
**CLAREMONT**  
 7735

Telephone Number: (021) 657 045  
 Cell phone Number: (083) 785 1492  
 Email Address: [mike.mangnall@mainstreamrp.com](mailto:mike.mangnall@mainstreamrp.com)

**To:**

South African Mainstream Renewable Power Developments (Pty) Ltd  
 Mr Eugene Marais  
 PO Box 45063  
**CLAREMONT**  
 7735  
 Telephone Number: (021) 657 4040  
 Fax Number: (021) 671 5665  
 Email Address: [Eugene.marais@mainstreamrp.com](mailto:Eugene.marais@mainstreamrp.com)

Reason for decision:

Mainstream initially intended to construct 70 wind turbines on the Graskoppies Wind Farm site and as such the environmental specialists assessed the entire development site during the scoping phase and then extensively investigated the proposed 70 turbine layout during the EIA phase of the project. However, in order to ensure that the proposed wind farm development avoided the sensitive areas identified during the EIA phase and did not result in significant environmental impacts, Mainstream put forward an alternative turbine layout for assessment, in which the number of turbines was reduced to 47 and environmentally sensitive areas were avoided. The 47 turbine layout was comparatively assessed by the specialists as a design alternative to the original 70 turbine layout and was found to be the preferred alternative from an environmental perspective and was granted EA. During the EIA process, the specialists updated the findings of their studies and revised the recommended mitigation measures, where necessary. The reduction in the number of turbines resulted in significant changes to the turbine curtailment measures recommended by the Bat Specialist. These revised turbine curtailment measures are however not reflected in the specific conditions of the EA issued on 15 March 2018. It is therefore necessary to amend the EA to ensure that it is aligned with the recommendations of the Bat Specialist pertaining to turbine curtailment which are specific to the authorised 47 turbine layout and which were informed by the 12 months of preconstruction bat monitoring. The amendments to the turbine curtailment conditions will not result in any additional impacts, nor change the nature, scope or description of the authorised project.

An amendment to the contact details for the holder of the EA is required, as Mr Michael Mangnall is no longer employed by Mainstream and Mr Eugene Marais is now acting as the contact person.

This letter must be read in conjunction with the EA dated 15 March 2018, 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 EA amendment, of the Department's decision in respect of your application as well as the fact that an appeal may be lodged against the decision in terms of the National Appeals Regulations, and the provisions regarding the submission of appeals as contained in the Regulations.

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 stipulates 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 abuses or compromises your personal information in any way.

Your attention is also 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 prescribe 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:**

The 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 Road,  
Arcadia,  
Pretoria, 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 amendment to 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: 14/05/19

CC: Mr Andea Gibb	Tel: 011 798 0600	Email: <a href="mailto:andreag@sivest.co.za">andreag@sivest.co.za</a>
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Appendix B  
**AUTHORITY CONSULTATION**







## **environmental affairs**

Department:  
Environmental Affairs  
REPUBLIC OF SOUTH AFRICA

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

DEA Reference: 14/12/16/3/3/2/1017/AM2

Enquiries: Ms Thulisile Nyalunga

Tel: 012 399 9405 E-mail: tnyalunga@environment.gov.za

Mr Stephan Jacobs  
SIVEST SA (Pty) Ltd  
PO Box 2921  
RIVONIA  
2128

Tel: 011 798 0600

Email: stephanj@sivest.co.za

**PER FACSIMILE / MAIL / EMAIL**

Dear Sir

### **ACKNOWLEDGEMENT OF RECEIPT OF APPLICATION FOR AMENDMENT OF ENVIRONMENTAL AUTHORISATION/EMPR FOR THE PROPOSED CONSTRUCTION OF THE 235MW GRASKOPPIES WIND FARM NEAR LOERIESFONTEIN, NORTHERN CAPE PROVINCE**

The Department confirms having received the application for Amendment of Environmental Authorisation for the abovementioned project on 12 August 2019.

Please note that your application for Amendment of Environmental Authorisation falls within the ambit of amendments to be applied for in terms of Part 2 of Chapter 5 of the Environmental Impact Assessment (EIA) Regulations, 2014, as amended. You are therefore referred to Regulation 32 of the EIA Regulations, 2014, as amended.

You are also advised that the Public Participation Process must be conducted as outlined in Chapter 6 of the EIA Regulations, 2014, as amended.

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

All documentation delivered to the physical address contained in this form must be delivered during the official Departmental Office Hours which is visible on the Departmental gate. EIA related documents (includes application forms, reports or any EIA related submissions) that are faxed; emailed; delivered to Security or placed in the Departmental Tender Box will not be accepted.

Yours sincerely

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

**Letter signed by: Ms Thulisile Nyalunga**

**Designation: Environmental Officer Specialised Production: National Infrastructure Projects**

**Date:** 19/08/2019

CC:	Mr Eugene Marais	South Africa Mainstream Renewable Power Developments (Pty) Ltd	Email: Eugen.marais@mainstreaarp.com
	Mr Thulani Mthombeni	NC DENC	Email: tmthombeni@ncpg.gov

## Stephan Jacobs

---

**From:** Stephan Jacobs  
**Sent:** Tuesday, 20 August 2019 12:34 PM  
**To:** 'Thulisile Nyalunga'  
**Cc:** EIAAdmin; Kerry Schwartz  
**Subject:** RE: Acknowledgement receipt of EA amendments

**Importance:** High

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Good Afternoon,

Acknowledgment of receipt of the EA Amendments received. Thank you very much for this.

Kind Regards,

**Stephan Jacobs (B.Sc. (Hons) Environmental Management and Analysis)**  
Environmental Consultant / Visual Specialist  
**SiVEST Environmental Division**



*SiVEST is a Level 3 BBBEE Contributor*

**D** +27 11 798 0677 | **T** +27 011 798 0600 | **M** +27 72 737 2114 **E** [stephanj@sivest.co.za](mailto:stephanj@sivest.co.za) | **W** [www.sivest.co.za](http://www.sivest.co.za)

**Engineering Consulting | Project Management | Environmental Consulting | Town & Regional Planning | Management Systems Consulting**  
Durban | Johannesburg | Pretoria | Pietermaritzburg | Richards Bay | Port Louis (Mauritius)

---

**From:** Thulisile Nyalunga [mailto:TNyalunga@environment.gov.za]  
**Sent:** Tuesday, 20 August 2019 8:32 AM  
**To:** Stephan Jacobs <StephanJ@sivest.co.za>  
**Cc:** EIAAdmin <EIAAdmin@environment.gov.za>  
**Subject:** Acknowledgement receipt of EA amendments

Good Morning

Please find attached acknowledgement receipts of the EA amendments.

Regards  
Thulisile  
'Please consider the environment before you print this email'

This message and any attachments transmitted with it are intended solely for the addressee(s) and may be legally privileged and/or confidential. If you have received this message in error please destroy it and notify the sender. Any unauthorized usage, disclosure, alteration or dissemination is prohibited. The Department of Environmental Affairs accepts no responsibility for any loss whether it be direct, indirect or consequential,

## Stephan Jacobs

---

**From:** Thulisile Nyalunga <TNyalunga@environment.gov.za>  
**Sent:** Tuesday, 20 August 2019 8:32 AM  
**To:** Stephan Jacobs  
**Cc:** EIAAdmin  
**Subject:** Acknowledgement receipt of EA amendments  
**Attachments:** Acknowledgement Receipt 1015.pdf; Acknowledgement Receipt 1017.pdf

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Good Morning

Please find attached acknowledgement receipts of the EA amendments.

Regards  
Thulisile

'Please consider the environment before you print this email'

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