



## 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:** 14/12/16/3/3/1/2024

**Enquiries:** Mr Thando Booï

**Telephone :**(012) 399 9387 **E-mail:** TBooi@environment.gov.za

Mr. Robert Wagener  
ABO Wind Aggeney's 2 PV (Pty) Ltd  
P.O. Box 51060  
**WATERFRONT**  
8002

**Tel:** (021) 418 2596  
**Email:** robert.wagener@abo-wind.com

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

Dear Mr Wagener

### **APPLICATION FOR ENVIRONMENTAL AUTHORISATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, ACT NO. 107 OF 1998, AS AMENDED: GN R982/983/985, AS AMENDED: FOR THE CONSTRUCTION OF GRID CONNECTION FOR THE AGGENEYS 2 SOLAR PV FACILITY WITHIN KHÂI-MA LOCAL MUNICIPALITY 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, as amended (the EIA 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, of the Department's decision as well as the provisions regarding the submission of appeals that are contained in the Regulations.

In terms of the Promotion of Administrative Justice Act, 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, 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 drawn to Chapter 2 of National Environmental Management Act, 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.

*MS*

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

Yours faithfully



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

Date: 16/09/2019

|     |                |                                  |                    |   |
|-----|----------------|----------------------------------|--------------------|---|
| cc: | Jo-Anne Thomas | Savannah Environmental (Pty) Ltd | Tel:(011) 656 3237 | Email: <a href="mailto:joanne@savannahsa.com">joanne@savannahsa.com</a>         |
|     | Bryan Fisher   | Northern Cape (DENC)             | Tel:(053) 807 7431 | Email: <a href="mailto:BFisher@ncpg.gov.za">BFisher@ncpg.gov.za</a>             |
|     | Edward Vries   | Khâi Ma Local Municipality       | Tel:(054) 933 1005 | Email: <a href="mailto:mmsecretary@khaima.gov.za">mmsecretary@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 as amended

Construction of grid connection for the Aggeneys 2 Solar PV Facility near Aggeneys within the Khâi-Ma Local Municipality in the Northern Cape Province

Namakwa District Municipality

|                                       |  |
|---------------------------------------|--|
| <b>Authorisation register number:</b> | <i>14/12/16/3/3/1/2024</i>   |
| <b>Last amended:</b>                  | <i>First issue</i>   |
| <b>Holder of authorisation:</b>       | <i>ABO Wind Aggeneys 2 PV (Pty) Ltd</i>                                    |
| <b>Location of activity:</b>          | <i>Within Ward 4 of Khâi-Ma Local Municipality: Northern Cape Province</i> |

This environmental 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.

*MJ*

## 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 as amended the Department hereby authorises –

### **ABO WIND AGGENEYS 2 PV (PTY) LTD**

with the following contact details –

Mr Robert Wagener

ABO Wind Aggeneys 2 PV (Pty) Ltd

P.O. Box 51060

**WATERFRONT**

8002

Telephone Number: (021) 418 2596

Cell Phone Number: (064) 030 3633

Fax: (086) 515 1466

Email Address: robert.wagener@abo-wind.com

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

| Listed activities  | Activity/Project description   |
|--|--|
| <p><b>GN R983 Activity 11(i):</b><br/> <i>"The development of facilities or infrastructure for the transmission and distribution of electricity-</i></p> <p>(i) <i>outside urban areas or industrial complexes with a capacity of more than 33kV but less than 275 kV"</i></p>   | <p>The grid connection infrastructure will include the construction and operation of a collector substation and a single-circuit power line (up to 220kV in capacity) outside urban areas to facilitate the connection of the Aggeneys 2 Solar PV facility to the national grid.</p>   |
| <p><b>GN R983 Activity 12(ii)(c):</b><br/> <i>"The development of-</i></p> <p>(ii) <i>infrastructure or structures with a physical footprint of 100m<sup>2</sup> or more;</i><br/> <i>where such development occurs-</i></p> <p>(a) <i>within a watercourse;</i><br/>                 (c) <i>If no development setback exists, within 32 metres of a watercourse, measured from the edge of the watercourse"</i></p> | <p>The grid connection infrastructure will include the construction of pylons/towers within 32m from the ephemeral watercourses identified within the project development corridor.</p> <p><b>Sub-activity (a) of activity 12 (ii) of Listing Notice 1 is not approved as the EAP confirmed that it is not triggered. It is not applicable to this development.</b></p>  |
| <p><b>GN R983 Activity 19</b><br/> <i>"The infilling or depositing of any material of more than 10 cubic meters into, or the dredging, excavation, removal or moving of soil, sand shells, shell grit, pebbles or rock of more than 10 cubic meters from a watercourse"</i></p>  | <p>The development of grid connection infrastructure will require the removal or moving of soil within a watercourse during the construction of the infrastructure. Ephemeral watercourses have been identified within the project development corridors and the removal or moving of approximately 10m<sup>3</sup> of soil will be required.</p> <p><b>Activity 19 of Listing Notice 1 is not approved as the EAP confirmed that it is not triggered. It is not applicable to this development.</b></p> |

*M.S*

| Listed activities   | Activity/Project description   |
|---|--|
| <p><b><u>GN R983 Activity 27</u></b></p> <p><i>"The clearance of an area of 1 hectares or more, but less than 20 hectares of indigenous vegetation except where such clearance is required for-</i></p> <p><i>(i) the undertaking of a linear activity; or</i></p> <p><i>(ii) maintenance purposes undertaken in accordance with a maintenance management plan"</i></p>   | <p>The development of the collector substation will require the clearance of indigenous vegetation present of approximately 1.25ha in extent.</p>  |
| <p><b><u>GN R983: Activity 28(ii):</u></b></p> <p><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 01 April 1998 and where such development:</i></p> <p><i>(ii) will occur outside an urban area, where the total land to be developed is bigger than 1 hectare"</i></p>   | <p>The total area of land to be developed for the collector substation is larger than 1 hectare and is currently used for agricultural purposes.</p>   |
| <p><b><u>GN R985: Activity 4(g)(ii) (bb)(ee)</u></b></p> <p><i>"The development of a road wider than 4 metres with a reserve less than 13,5 metres.</i></p> <p><i>(g) in Northern Cape</i></p> <p><i>(ii) Outside urban areas</i></p> <p><i>(bb) in National Protected Areas Expansion Strategy Focus Areas</i></p> <p><i>(ee) Critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans"</i></p> | <p>The grid connection infrastructure will require the development of access roads/tracks with a width of between 4m and 8m and with a length of 2km where required. The study area is located outside urban areas and within the Kamiesberg Bushmanland Augrabies National Protected Areas Expansion Strategy (NPAES) area and within a Critical Biodiversity Area (CBA).</p> |
| <p><b><u>GN R985: Activity 10(g)(ii)(iii)(bb)</u></b></p> <p><i>"The development and related operation of facilities or infrastructure for the storage, or storage and handling of a dangerous good, where such storage occurs in</i></p>   | <p>The grid connection infrastructure will require the storage and handling of dangerous goods for the construction and operation of the</p>   |

| Listed activities  | Activity/Project description  |
|--|---|
| <p><i>containers with a combined capacity of 30 but not exceeding 80 cubic metres.</i></p> <p><i>(g) in Northern Cape,</i></p> <p><i>(ii) Areas within a watercourse or wetland; or within 100 metres from the edge of a watercourse or wetland;</i></p> <p><i>(iii) Outside urban areas,</i></p> <p><i>(bb) National Protected Areas Expansion Strategy Focus Areas”</i></p>  | <p>substation. Containers with a combined capacity of no more than 80m<sup>3</sup> will be required. Ephemeral watercourses have been identified within the project development corridors and storage of dangerous goods will be located within 100m of the watercourses. The study area is located outside urban areas within the Kamiesberg Bushmanland Augrabies National Protected Areas Expansion Strategy (NPAES) area.</p>   |
| <p><b><u>GN R985: Activity 14(ii)(a)(c)(g)(ii)(bb)(ff)</u></b></p> <p><i>“The development of-</i></p> <p><i>(ii) infrastructure or structures with a physical footprint of 10 square metres or more,</i></p> <p><i>where such development occurs-</i></p> <p><i>(a) within a watercourse, or</i></p> <p><i>(c) within 32 meters of a watercourse, measured from the edge of a watercourse,</i></p> <p><i>(g) in Northern Cape,</i></p> <p><i>(ii) Outside urban areas,</i></p> <p><i>(bb) National Protected Areas Expansion Strategy Focus Areas</i></p> <p><i>(ff) Critical biodiversity areas or ecosystem service areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans”</i></p> | <p>The development of the grid connection infrastructure will require the construction of infrastructure (i.e. access roads/tracks) within or within 32m of ephemeral watercourses identified within the project development corridors. The project development corridors are located within the Northern Cape, outside urban areas and within the Kamiesberg Bushmanland Augrabies National Protected Areas Expansion Strategy (NPAES) area. A section of the development corridor is located within a Critical Biodiversity Area (CBA).</p> |

as described in the final Basic Assessment Report (BAR) dated June 2019 at:

*MJ*

**Farm Names and 21 Digit SG code:**

| Farm   | SG Code               |
|--|-----------------------|
| Remaining Extent of Bloemhoek 61             | C05300000000006100000 |
| Remaining Extent of Aggeneys 56              | C05300000000005600000 |
| Remaining Extent of Portion 1 of Aggeneys 56 | C05300000000005600001 |
| Portion 2 of Aggeneys 56                     | C05300000000005600002 |
| Portion 12 of Aggeneys 56                    | C05300000000005600012 |
| Portion 13 of Aggeneys 56                    | C05300000000005600013 |

**Corner point coordinates for Development Corridor Alternative 1 (preferred)**

| Preferred Corridor (Alternative 1) | Latitude(S)    | Longitude(E)   |
|------------------------------------|----------------|----------------|
| 01                                 | 29°16'46,717"S | 18°50'6,669"E  |
| 02                                 | 29°16'52,546"S | 18°50'23,693"E |
| 03                                 | 29°17'27,490"S | 18°56'26,404"E |
| 04                                 | 29°17'20,052"S | 18°56'27,618"E |
| 05                                 | 29°17'21,538"S | 18°56'44,100"E |
| 06                                 | 29°17'44,124"S | 18°56'39,675"E |
| 07                                 | 29°17'8,663"S  | 18°50'31,326"E |
| 08                                 | 29°18'18,820"S | 18°48'10,857"E |
| 09                                 | 29°17'59,402"S | 18°47'37,661"E |
| 10                                 | 29°17'20,610"S | 18°47'56,784"E |
| 11                                 | 29°17'32,598"S | 18°48'31,875"E |

| Access road       | Latitude(S)    | Longitude(E)   |
|-------------------|----------------|----------------|
| Start (Main road) | 29°16'26,811"S | 18°56'46,249"E |
| Middle            | 29°17'2,065"S  | 18°56'44,819"E |
| End               | 29°17'27,492"S | 18°56'31,623"E |

-for the construction of a grid connection for the Aggeneys 2 Solar PV Facility near Aggeneys within the Khâi-Ma Local Municipality in the Northern Cape Province hereafter referred to as "the property"



The corridor is proposed to accommodate both the collector substation and the new overhead power line, as well as the associated infrastructure.

**The development scope of works includes the following:**

- New collector substation/ switching station;
- Construction of a new platform with earth mat and civil works;
- New 132kV or 220kV feeder bay/s and busbar/s complete with protection equipment;
- A new single circuit 132kV or 220kV overhead power line (OHL) between the existing Aggeneis; main transmission substation (MTS) and new collector substation/ switching station, complete with structures, foundations, conductor, optical ground wire (OPGW), fibre layout, insulation and assemblies;
- Access tracks/roads up to 6m in width and 2km in length where required; and
- Establish new 132kV or 220kV feeder bay/s within the existing HV yard at the Aggeneis main transmission substation (MTS) (inclusive of line bays, busbars, bussection and protection equipment).

**Details or dimensions of the grid connection infrastructure:**

| Infrastructure                       | Footprint, dimensions and details  |
|--------------------------------------|--|
| <b>Corridor width</b>                | Two alternative corridors of up to 1km in width are being assessed. Alternative 1 is preferred. The grid connection infrastructure will be constructed and operated within the nominated preferred alternative corridor. |
| <b>Power line capacity</b>           | up to 220kV  |
| <b>Power line servitude width</b>    | Up to 47m  |
| <b>Length of the power line</b>      | Up to 14km   |
| <b>Height of the towers</b>          | Up to 40m. Power line towers (or pylons) are an average distance of 200m apart but can exceed 500m depending on the topography and terrain to be spanned   |
| <b>Collector substation</b>          | The collector substation/switching station will be located directly adjacent and to the east of the on-site substation associated with the Aggeneys 2 Solar PV facility.   |
| <b>Collector substation capacity</b> | Up to 220kV  |
| <b>Substation footprint</b>          | 1.25ha   |

| Infrastructure       | Footprint, dimensions and details  |
|----------------------|--|
| Access roads/ tracks | Where new access roads/tracks are required, these would be up to 6m in width and 2km in length where required. |

## Conditions of this Environmental Authorisation

### Scope of authorisation

1. The preferred alternative for the grid connection for the Aggeneys 2 Solar PV facility near Aggeneys within the Khâi-Ma Local Municipality in the Northern Cape Province is approved as per the geographic coordinates indicated above.
2. 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.
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 environmental authorisation must be approved, in writing, by the Department before such changes or deviations may be effected. In assessing whether to grant such approval or not, the Department may request such information as it deems necessary to evaluate the significance and impacts of such changes or deviations and it may be necessary for the holder of the authorisation to apply for further environmental authorisation in terms of the regulations.
6. 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.
7. 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.

8. Commencement with one activity listed in terms of this environmental authorisation constitutes commencement of all authorised activities.

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

9. 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.
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 the National Appeal Regulations, 2014;
  - 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 of the competent authority for the decision.

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

11. The authorised activity shall not commence until the period for the submission of appeals has lapsed as per the National Appeal Regulations, 2014 and no appeal has been lodged against the decision. 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**

12. The layout plan titled "Grid connection infrastructure for the Aggeneys 2 Solar PV facility, Northern Cape" and appended to the final BAR dated June 2019 as Appendix L is hereby approved.
13. The Environmental Management Programme (EMPr) submitted as part of the Application for Environmental Authorisation is approved.

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

14. The EMPr must be updated where the findings of the environmental audit reports, contemplated in Condition 24 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.
15. The updated EMPr must contain recommendations to rectify the shortcomings identified in the environmental audit report.
16. 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.
17. 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.
18. 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**

19. 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.
  - 19.1. The ECO must be appointed before commencement of any authorised activities.
  - 19.2. Once appointed, the name and contact details of the ECO must be submitted to the *Director: Compliance Monitoring* of the Department at [Directorcompliance@environment.gov.za](mailto:Directorcompliance@environment.gov.za).

- 19.3. The ECO must keep record of all activities on site, problems identified, transgressions noted and a task schedule of tasks undertaken by the ECO.
- 19.4. 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**

20. 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 at [Directorcompliance@environment.gov.za](mailto:Directorcompliance@environment.gov.za).
21. 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 at [Directorcompliance@environment.gov.za](mailto:Directorcompliance@environment.gov.za).
22. 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.
23. The holder of the authorisation must, in addition, submit an 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.
24. The environmental audit reports must be compiled in accordance with appendix 7 of the EIA Regulations, 2014 as amended 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.
25. 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**

26. 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**

27. 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**

28. 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**

29. Vegetation clearing must be limited to the required footprint for actual construction works.
30. No exotic plants must be used for rehabilitation purposes, only indigenous plants of the area must be utilised.
31. No activities will be allowed to encroach into a water resource without a water use authorisation being in place from the Department Water and Sanitation.
32. A buffer zone of 15m must be implemented for all the freshwater resources in the development area.
33. No pylons are to be placed directly within the wetlands and watercourses or the associated buffer zones, and pylons are to be spanned across watercourses and the associated buffer zones.
34. The power lines must be fitted with anti-bird collision marking devices in order to make the overhead cables more visible to birds.
35. These devices must be fitted on the entire length of the power lines as collision risk is high all along the alignment for nomadic species such as Ludwig's Bustard.
36. Light and dark colour devices must be alternated so as to provide contrast against both dark and light backgrounds.
37. These devices must be fitted as soon as the earth wires are strung as collision risk begins immediately.

38. A permit must be obtained from the relevant Department for the removal or destruction of indigenous, protected or endangered plant or animal species and a copy of such permit/s must be submitted to the Department for record keeping.
39. Should any archaeological sites, artefacts, paleontological fossils or graves are exposed during construction work, work must be stopped immediately and the relevant heritage resource agency must be informed and the services of an accredited heritage professional obtained for an assessment of the heritage resources must be made.
40. Any solid waste must be disposed of at a landfill licensed in terms of Section 20 (b) of the National Environment Management Waste Act, 2008 (Act No.59 of 2008).

### **General**

41. A copy of this environmental authorisation, the audit and compliance monitoring reports, and the approved EMPr, must be made available for inspection and copying-
  - 41.1. at the site of the authorised activity;
  - 41.2. to anyone on request; and
  - 41.3. where the holder of the environmental authorisation has a website, on such publicly accessible website.
42. 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: 16/09/2019

  
Mr Sabelo Malaza

**Chief Director: Integrated Environmental Authorisations**  
**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 BAR dated June 2019.
- b) Mitigation measures as proposed in the BAR dated June 2019 and the EMPr.
- c) The comments received from Interested and Affected Parties.
- d) The information contained in the specialist studies contained within the BAR; and
- e) The objectives and requirements of relevant legislations, policies and guidelines, including section 2 of the National Environmental Management Act, 1998 (Act No.107 of 1998).

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

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

- a) The findings of the specialist studies conducted and its recommended mitigation measures.
- b) The need for the proposed development stems from the provision of electricity to the national grid.
- c) The BAR dated June 2019 identified all legislations and guidelines that have been considered in the preparation of the BAR.
- d) The methodology used in assessing the potential impacts identified in the BAR dated June 2019 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, 2014; as amended for public involvement.



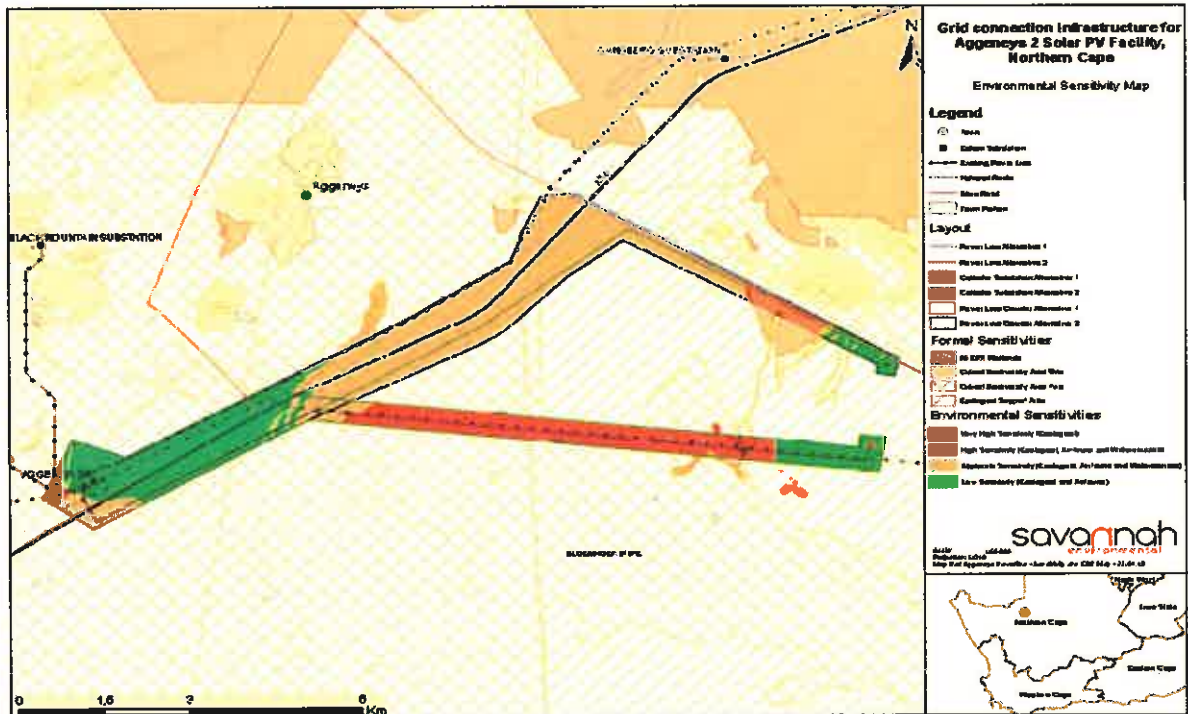
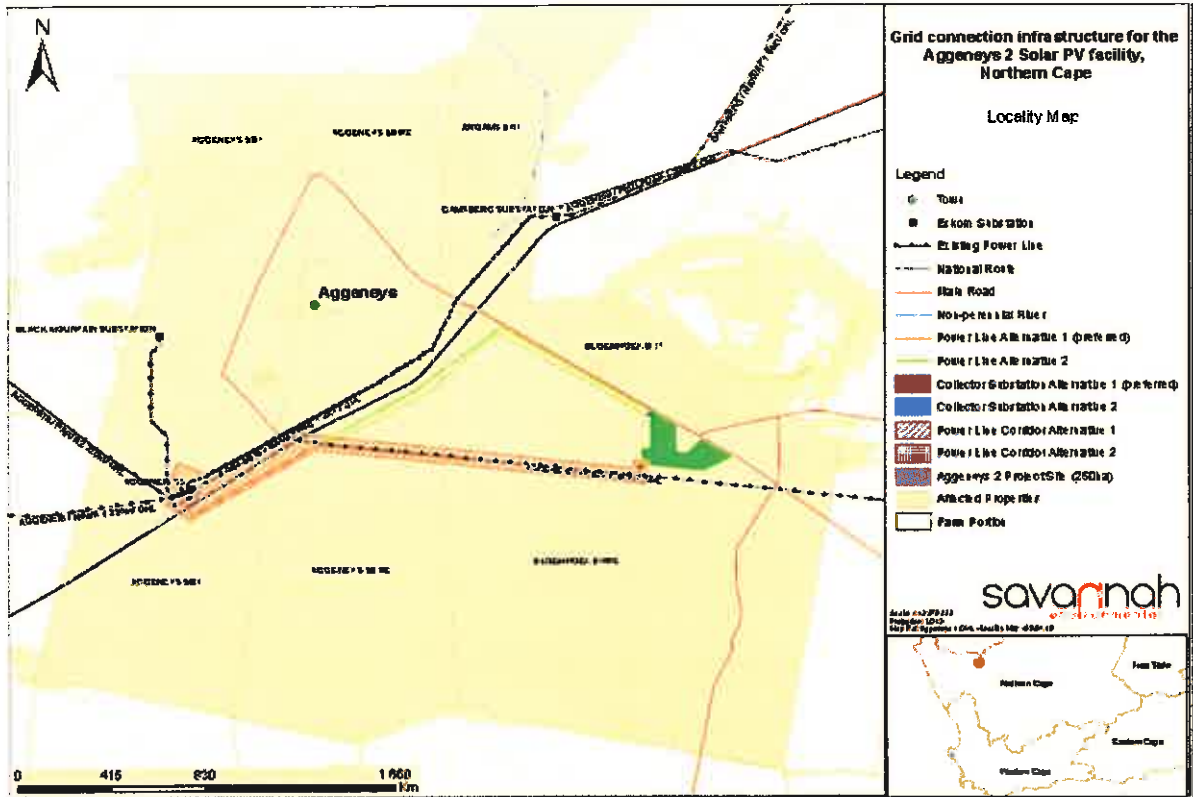
### 3. Findings

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 BAR dated June 2019 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) The EMPr proposed mitigation measures for the pre-construction, construction and rehabilitation phases of the development and it was included in the BAR. The mitigation measures 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.

## Annexure 2: Locality Map



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