



## forestry, fisheries & the environment

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

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

**DFFE Reference:** 14/12/16/3/3/2/2019

**Enquiries:** Mr Herman Alberts

**Telephone:** (012) 399 9371 **E-mail:** HAlberts@environment.gov.za

Mr Matteo Brambilla  
Hyperion Solar Hybrid (Pty) Ltd  
14th Floor, Pler Place  
31 Heerengracht Street  
Foreshore  
**CAPE TOWN**  
8001

Telephone Number: (021) 418 3940  
Email Address: m.login@redrocket.energy

### PER EMAIL

Dear Mr Brambilla

### **APPLICATION FOR ENVIRONMENTAL AUTHORISATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, ACT NO. 107 OF 1998, AS AMENDED: FOR THE DEVELOPMENT OF THE 75MW THERMAL POWER DUAL FUEL FACILITY AND ASSOCIATED INFRASTRUCTURE TO FORM PART OF A HYBRID GENERATION FACILITY TOGETHER WITH THE AUTHORISED HYPERION 1 & 2 SOLAR PV ENERGY FACILITIES NEAR KATHU, 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 fourteen (14) days of the date of the 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: [appeals@environment.gov.za](mailto:appeals@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 [appeals@environment.gov.za](mailto:appeals@environment.gov.za).

Yours faithfully



**Ms Millicent Solomons**  
**Acting Chief Director: Integrated Environmental Authorisations**  
**Department of Forestry, Fisheries and the Environment**  
Date: 22/07/2021.

cc:	Thusoeng Itumeleng	Gamagara Local Municipality	Email: <a href="mailto:clementi@gamagara.gov.za">clementi@gamagara.gov.za</a>
	Bryan Fisher	NC: DAEARDLR	Email: <a href="mailto:Bfisher@ncpg.gov.za">Bfisher@ncpg.gov.za</a>
	Jo-Anne Thomas	Savannah Environmental (Pty) Ltd	Email: <a href="mailto:joanne@savannahsa.com">joanne@savannahsa.com</a>



**forestry, fisheries  
& the environment**

Department  
Forestry, Fisheries and the Environment  
REPUBLIC OF SOUTH AFRICA

## Environmental Authorisation

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

The 75MW Thermal Power Dual Fuel Facility and associated infrastructure to form part of a hybrid generation facility together with the authorised Hyperion 1 & 2 Solar PV Energy Facilities near Kathu,

Northern Cape Province

John Taolo Gaetsewe District Municipality

<b>Authorisation register number:</b>	<i>14/12/16/3/3/2/2019</i>
<b>Last amended:</b>	<i>First issue</i>
<b>Holder of authorisation:</b>	<i>Hyperion Solar Hybrid (Pty) Ltd</i>
<b>Location of activity:</b>	<i>Remainder of the Farm Lyndoch 432; Remainder of Farm 457; Portion 1 of Farm 457; Portion 2 Farm 457; Gamagara Local Municipality; John Taolo Gaetsewe 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.

MS.

## 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, Act No. 107 of 1998, as amended and the EIA Regulations, 2014, as amended.

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, Act No. 107 of 1998, as amended and the Environmental Impact Assessment Regulations, 2014, as amended, the Department hereby authorises –

### **HYPERION SOLAR HYBRID (PTY) LTD**

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

with the following contact details –

Mr Matteo Brambilla  
Hyperion Solar Hybrid (Pty) Ltd  
14th Floor, Pier Place  
31 Heerengracht Street  
Foreshore  
**CAPE TOWN**  
8001

Telephone Number: (021) 418 3940  
 Cell Phone Number: (072) 212 1531  
 Fax Number: (086) 297 5902  
 Email Address: m.login@redrocket.energy

to undertake the following activities (hereafter referred to as "the activity") indicated in Listing Notice 1 and Listing Notice 2 of the EIA Regulations, 2014 as amended:

Activity number	Activity description
<p><u>Listing Notice 1 Item 12:</u>  <i>"The development of—</i>            (ii) <i>infrastructure or structures with a physical footprint of 100 square metres or more;</i>  <i>where such development occurs—</i>            (a) <i>within a watercourse</i>            (c) <i>if no development setback exists, within 32 metres of a watercourse, measured from the edge of a watercourse."</i></p>	<p>The 300m corridor for the proposed access road falls within 32 meters of watercourses and pans near the project site.</p>
<p><u>Listing Notice 1 Item 24:</u>  <i>"The development of a road—</i>            (ii) <i>with a reserve wider than 13,5 meters, or where no reserve exists where the road is wider than 8 metres."</i></p>	<p>An access road will be developed to the thermal facility which will be 8km in length, paved or tarred at a width of approximately 8m-12m.</p>
<p><u>Listing Notice 2 Item 2:</u>  <i>"The development and related operation of facilities or infrastructure for the generation of electricity from a non-renewable resource where the electricity output is 20 megawatts or more"</i></p>	<p>The thermal facility will have an installed generating capacity of up to 75MW and use LPG as a fuel source.</p>
<p><u>Listing Notice 2 Item 4:</u>  <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 containers with a combined capacity of more than 500m<sup>3</sup>"</i></p>	<p>The storage of dangerous goods (e.g.; oils, diesel, and LPG storage tanks) will be required. The combined capacity of the containers will be more than 500m<sup>3</sup>.</p>

<p><u>Listing Notice 2 Item 6:</u></p> <p><i>"The development of facilities or infrastructure for any process or activity which requires a permit or licence or an amended permit or licence in terms of the national or provincial legislation governing the generation or release of emissions, pollution or effluent"</i></p>	<p>The development of the 75MW facility will require an air emissions license as per the NEM:AQA.</p>
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as described in the Environmental Impact Assessment Report (EIAr) dated April 2021 at:

**SG 21 Code**

C	0	4	1	0	0	0	0	0	0	0	0	0	4	5	7	0	0	0	0	0
C	0	4	1	0	0	0	0	0	0	0	0	0	4	5	7	0	0	0	0	1
C	0	4	1	0	0	0	0	0	0	0	0	0	4	5	7	0	0	0	0	2
C	0	4	1	0	0	0	0	0	0	0	0	0	4	3	2	0	0	0	0	0

**Site Coordinates:**

Thermal Plant (centre)	Latitude	Longitude
	27°33'15.12"S	23° 3'53.38"E

Access Road	Latitude	Longitude
Start	27°33'42.42"S	23° 3'48.41"E
Middle	27°34'13.52"S	23° 5'34.23"E
End	27°35'47.07"S	23° 7'19.03"E

- for the 75MW thermal power dual fuel facility and associated infrastructure to form part of a hybrid generation facility together with the authorised Hyperion 1 & 2 Solar PV Energy facilities near Kathu, Northern Cape Province, hereafter referred to as "the property".

The facility will comprise the following:

- Reciprocating Engines, utilising Liquefied Petroleum Gas (LPG) as a fuel source;
- Access road;

- Truck entrance and parking facility;
- Regasification plant and fuel preparation plant;
- Dry cooling system for operating oils/chemicals;
- Fuel storage facility;
- Fuel off-loading facility;
- Water demineralisation;
- Raw water and treated water storage tank;
- Oily water separator and storm water drainage system; and
- Substation, cabling, O&M building, fencing, warehouses and workshops.

## Conditions of this Environmental Authorisation

### Scope of authorisation

1. The 75MW thermal power dual fuel facility and associated infrastructure to form part of a hybrid generation facility together with the authorised Hyperion 1 & 2 solar PV energy facilities near Kathu in the Northern Cape Province is approved as per the geographic coordinates cited in the table 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.
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7. This activity must commence within a period of ten (10) 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. Construction must be completed within five (05) years of the commencement of the activity on site.
9. Commencement with one activity listed in terms of this Environmental Authorisation constitutes commencement of all authorised activities.

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

10. The holder of the authorisation must notify every registered interested and affected party, in writing and within fourteen (14) calendar days of the date of this Environmental Authorisation, of the decision to authorise the activity.
11. The notification referred to must –
  - 11.1. specify the date on which the authorisation was issued;
  - 11.2. inform the interested and affected party of the appeal procedure provided for in the National Appeal Regulations, 2014;
  - 11.3. advise the interested and affected party that a copy of the authorisation will be furnished on request; and
  - 11.4. give the reasons of the Competent Authority for the decision.

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

12. 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, Act No. 107 of 1998, as amended 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**

13. The layout plan attached as Figure 10.4 of the EIA dated April 2021 is approved and must be implemented and adhered to.
14. The Environmental Management Programme (EMPr) submitted as part of the EIA dated April 2021 is approved and must be implemented and adhered to.
15. The EMPr 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.
16. Changes to the approved EMPr must be submitted in accordance with the EIA Regulations applicable at the time.
17. The Department reserves the right to amend the approved EMPr should any impacts that were not anticipated or covered in the EIA be discovered.

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

18. The EMPr must be updated where the findings of the environmental audit reports, contemplated in Condition 25 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.
19. The updated EMPr must contain recommendations to rectify the shortcomings identified in the environmental audit report.
20. The updated EMPr must be submitted to the Department for approval together with the environmental audit report, as per Regulation 34 of the EIA Regulations, 2014 as amended. 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.
21. 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 the EIA Regulations, 2014 as amended. 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.
22. The holder of the authorisation must apply for an amendment of an EMPr, if such amendment is required before an audit is required. The amendment process is prescribed in Regulation 37 of the EIA Regulations, 2014, as amended. The holder of the authorisation must request comments on the proposed amendments to the impact management outcomes of the EMPr or amendments to the closure objectives of the closure

plan from potentially interested and affected parties, including the competent authority, by using any of the methods provided for in the Act for a period of at least 30 days.

### **Monitoring**

23. The holder of the authorisation must appoint an experienced 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.
  - 23.1. The ECO must be appointed before commencement of any authorised activities.
  - 23.2. Once appointed, the name and contact details of the ECO must be submitted to the *Director: Compliance Monitoring* of the Department.
  - 23.3. The ECO must keep record of all activities on site, problems identified, transgressions noted and a task schedule of tasks undertaken by the ECO.
  - 23.4. 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**

24. 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.
  25. 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.
  26. 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 the EIA Regulations, 2014 as amended.
  27. 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.
  28. 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
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audit in terms of compliance with the environmental authorisation conditions as well as the requirements of the approved EMPr.

29. 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**

30. 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**

31. 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**

32. 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**

##### Conditions for non-operational aspects

33. The footprint of the development must be limited to the areas required for actual construction works.
34. Areas outside of the footprint, including sensitive areas and buffer areas, must be clearly demarcated (using fencing and appropriate signage) before construction commences and must be regarded as "no-go" areas.
35. Vegetation clearing must be limited to the required footprint. Mitigation measures must be implemented to reduce the risk of erosion and the invasion of alien species.

36. Before the clearing of the site, the appropriate permits must be obtained from the relevant authority 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.
  37. Construction activities must be restricted to demarcated areas to restrict the impact on sensitive environmental features.
  38. All areas of disturbed soil must be reclaimed using only indigenous grass and shrubs.
  39. Topsoil from all excavations and construction activities must be salvaged and reapplied during reclamation.
  40. Wetlands, rivers and river riparian areas must be treated as "no-go" areas and appropriately 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 by the ECO, except for rehabilitation work in these areas.
  41. No discharge of effluents or polluted water must be allowed into any rivers or wetland areas.
  42. No spoil material, including stripped topsoil, must be temporarily stockpiled within 30m of freshwater ecosystems identified to be of low or moderate conservation importance and 50m of freshwater ecosystems identified to be of high conservation importance.
  43. Underground cables and internal access roads must be aligned as much as possible along existing infrastructure to limit damage to vegetation and watercourses.
  44. Cleared alien vegetation must not be dumped on adjacent intact vegetation during clearing but must be temporarily stored in a demarcated area.
  45. Workers must be made aware of the importance of not polluting rivers or wetlands and the significance of not undertaking activities that could result in such pollution, and this awareness must be promoted throughout the construction phase.
  46. Signs must be placed along construction roads to identify speed limits, travel restrictions, and other standard traffic control information.
  47. Roads must be designed so that changes to surface water runoff are avoided and erosion is not initiated.
  48. Should abnormal loads have to be transported by road to the site, a permit must be obtained from the relevant Provincial Government.
  49. All construction vehicles should adhere to a low speed limit to avoid collisions with susceptible species such as snakes and tortoises.
  50. The holder of this authorisation must train safety representatives, managers and workers in workplace safety. The construction process must be compliant with all safety and health measures as prescribed by the relevant act.
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51. No unsupervised open fires for cooking or heating must be allowed on site.
52. 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).
53. The holder of this authorisation must provide sanitation facilities within the construction area 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.
54. The holder of this 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.
55. 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.
56. Borrow materials must be obtained only from authorized and permitted sites. Permits must be kept on site by the ECO.
57. Any fauna directly threatened by the construction activities should be removed to a safe location by a suitably qualified person.
58. Should any archaeological sites, artefacts, paleontological fossils or graves be exposed during construction work, work in the immediate vicinity of the find must be stopped, the South African Heritage Resources Agency (SAHRA) must be informed and the services of an accredited heritage professional obtained for an assessment of the heritage resources must be made.
59. The collection, hunting, or harvesting of any plants or animals at the site is strictly forbidden.
60. Electric fencing should not have any strands within 30cm of the ground, which should be sufficient to allow smaller mammals, reptiles and tortoises to pass through (tortoises retreat into their shells when electrocuted and eventually succumb from repeated shocks), but still remain effective as a security barrier.
61. The recommendations of the EAP in the final EIAR dated April 2021 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.

Conditions for operational aspects

62. The footprint of the development must be limited to the areas required for operational activities.
63. Wetlands, rivers and river riparian areas must be treated as "no-go" areas and appropriately 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 by the ECO, except for rehabilitation work in these areas.
64. Road borders should be regularly maintained to ensure that vegetation remains short and that they therefore serve as an effective firebreak.
65. The recommendations of the EAP in the EIAr dated April 2021 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.

**General**

66. A copy of this Environmental Authorisation, the audit and compliance monitoring reports, and the approved EMPr, must be made available for inspection and copying-
  - 66.1. at the site of the authorised activity;
  - 66.2. to anyone on request; and
  - 66.3. where the holder of the Environmental Authorisation has a website, on such publicly accessible website.
67. 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: 22/07/2021.



**Ms Millicent Solomons**

**Acting Chief Director: Integrated Environmental Authorisations**

**Department of Forestry, Fisheries and the Environment**

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## 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 listed activities as applied for in the application form received on 16 October 2020.
- b) The information contained in the EIAr dated April 2021.
- c) The comments received from Transnet SOC Ltd, NC DENC, SAHRA, Gamagara Local Municipality, DFFE Biodiversity Conservation and interested and affected parties as included in the EIAr dated April 2021.
- d) Mitigation measures as proposed in the EIAr and the EMPr.
- e) The information contained in the specialist studies contained within the appendices of the EIAr dated April 2021 and as appears below:

Title	Prepared by	Date
Ecological Impact Assessment	Scientific Terrestrial Services cc	January 2021
Avifauna Impact Assessment	Scientific Terrestrial Services cc	January 2021
Freshwater Impact Assessment	Scientific Aquatic Services cc	January 2021
Soils & Agricultural Potential	TerraAfrica Consult cc	January 2021
Heritage Impact Assessment	ASHA Consulting (Pty) Ltd	January 2021
Atmospheric Impact Assessment	Airshed Planning Professionals	February 2021
Visual Impact Assessment	Environmental Planning and Design	January 2021
Social Impact Assessment	Tony Barbour Environmental Consulting	February 2021
Quantitative Risk Assessment	RISCOM	January 2021
Traffic Impact Assessment	JG Afrika (Pty) Ltd	February 2021

### 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 April 2021 identified all legislation and guidelines that have been considered in the preparation of the EIAr.
- d) The location of the proposed facility.
- e) The methodology used in assessing the potential impacts identified in the EIAr dated April 2021 and the specialist studies have been adequately indicated.
- f) 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 April 2021 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 April 2021 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.





**forestry, fisheries  
& the environment**

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

Private Bag X447- PRETORIA - 0001- Environment House - Cnr Soutpansberg & Steve Biko Roads - Pretoria Tel (+ 27 12) 399 9000

Enquiries: Devnagie Bendeman Tel: 012 399 9337

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

Ms. Solomons  
Director: Strategic Infrastructure Development

Dear Mrs. Solomons

**APPOINTMENT AS ACTING CHIEF DIRECTOR: INTEGRATED ENVIRONMENTAL AUTHORISATIONS FOR THE PERIOD 12 JULY 2021 UNTIL 23 JULY 2021.**

This serves to confirm your appointment as Acting Chief Director: integrated environmental authorisations, from 12 July 2021 until 23 July 2021, whilst Mr Sabelo Malaza is on Annual / Leave.

You will act in this capacity with the full responsibilities and duties attached to the post, including the activities entrusted to the Acting Chief Director: integrated environmental authorisations by or in terms of the Acts administered by the Department.

Your appointment in the above acting position remains subject to the provisions of the Public Service Act, 1994 (Proclamation No. 103 of 1994), as amended, the Government Employees Pension Fund Act, 1996 (Proclamation No. 21 of 1996), the regulations promulgated under these Acts and relevant circulars.

In the execution of your duties and the exercising of the powers delegated to you, you will furthermore be subjected to the provisions of the Public Finance Management Act, compliance with the promotion of Access to Information Act, Promotion of Administrative Justice Act, the Minimum Information Security Standards, Departmental Policies and other applicable legislations with the Republic of South Africa. You are therefore advised to make yourself familiar with the provisions of the legislations and policies and the amendments thereof. (Copies of departmental policies can be obtained from the Human Resource Office).

Yours Sincerely

~~Devnagie Bendeman~~

Acting Deputy Director-General: RCSM (Regulatory Compliance and Sector Monitoring)

Date: 9/07/2021



**ACKNOWLEDGEMENT**

I ACCEPT / DO NOT ACCEPT  
appointment as Acting Chief  
Director: integrated environmental  
authorizations

Signed: M Solomons

Date: 12/07/2021