

Appendix J
Specialist declarations

Terrestrial ecologist declaration

Specialist investigator: Mr R Nel

South African Council for Natural Scientific Professions (SACNASP) in Ecological Science (Cand. Sci. Nat. 144943)

BSc. Honours majoring in Botany (Vegetation Ecology) – University of the Free State (2020)

BSc. Majoring in Botany and Zoology – University of the Free State (2019)

Declaration of independence:

I, the above-mentioned specialist investigator responsible for conducting this particular specialist ecological study, declare that


- I consider myself bound to the rules and ethics of the South African Council for Natural Scientific Professions (SACNASP);
- At the time of conducting the study and compiling this report I did not have any interest, hidden or otherwise, in the proposed development, except for financial compensation for work done in a professional capacity;
- Work performed for this study was done in an objective manner. Even if this study results in views and findings that are not favourable to the client/applicant, I will not be affected in any manner by the outcome of any environmental process of which this report may form a part;
- I declare that there are no circumstances that may compromise my objectivity in performing this specialist investigation. I do not necessarily object to or endorse the proposed development, but aim to present facts, findings and recommendations based on relevant professional experience, and scientific data;
- I do not have any influence over decisions made by the governing authorities;
- I have the necessary qualifications and guidance from professional experts (registered Pr. Nat. Sci.) in conducting specialist reports relevant to this application, including knowledge of the Act, regulations and any guidelines that have relevance to the proposed activity
- This document and all information contained herein are and will remain the intellectual property of Environmental Management Group. This document, in its entirety or any portion thereof, may not be altered in any manner or form, for any purpose without the specific and written consent of the respective specialist investigator.



Ricus Nel

DECLARATION OF INDEPENDENCE

DPR Ecologists and Environmental Services is an independent company and has no financial, personal or other interest in the proposed project, apart from fair remuneration for work performed in the delivery of ecological services. There are no circumstances that compromise the objectivity of the study.

| | | | |
|-----------------------|---|---|--------|
| Report Version | Final 1.0 | | |
| Title | Freshwater Ecological Assessment for a proposed solar development (extent of 134 hectares) for the Wonderpan solar facility located near Prieska, Northern Cape Province. | | |
| Author | DP van Rensburg (Pr.Sci.Nat) |  | May'22 |

Heritage specialist declaration

Morris, D. & Beaumont, P.B. 1991. !Nawabdanas: archaeological sites at Renosterkop, Kakamas District, Northern Cape. *South African Archaeological Bulletin* 46:115-124.

Morris, A.G. 1995. The Einiqua: an analysis of the Kakamas skeletons. In: Smith, A.B. (ed.) *Einiqualand: studies of the Orange River frontier*. pp. 110 - 164. Cape Town: University of Cape Town Press.

Partridge, T.C. & Maud, R.R. 2000. *The Cenozoic of Southern Africa*. Oxford Monographs on Geology and Geophysics No. 40.

Penn, N. 2005. *The Forgotten Frontier: Colonist and Khoisan on the Cape's Northern Frontier in the 18th Century*. Athens, Ohio and Cape Town: Ohio University Press and Double Storey Books.

Smith, R. M. H. 1988. Palaeoenvironmental reconstruction of a Cretaceous crater-lake deposit in Bushmanland, South Africa. *Palaeoecology of Africa and Surrounding Islands* 19:27-41.

Visser, J.N.J., Looek, J.C. *et al.* 1977-78. The Dwyka Formation and Ecca Group, Karoo sequence in the northern Karoo Basin, Kimberley-Britstown area. *Annals of the Geographical Survey of South Africa* 12: 143 - 176.

Von Brunn, V. & Visser, J.N.J. 1999. Lithostratigraphy of the Mbizane Formation (Dwyka group). *South African Committee for Stratigraphy, Lithostratigraphic Series No. 32*, 10 pp. Council for Geoscience, Pretoria.

DECLARATION OF INDEPENDENCE

Paleo Field Services act as an independent specialist consultant and do not have any financial interest in the undertaking of the activity other than remuneration for work as stipulated in the terms of reference. Paleo Field Services has no interest in secondary or downstream developments as a result of the authorization of this project.



DETAILS OF SPECIALIST AND DECLARATION OF INTEREST

Application for authorization in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended and the Environmental Impact Assessment Regulations, 2010

(For official use only)

| | |
|------------------------|--|
| File Reference Number: | |
| NEAS Reference Number: | |
| Date Received: | |

1. Project title:

PROPOSED 60 MW PV SOLAR FACILITY FOR PRIESKA POWER RESERVE, WONDERPAN SOLAR 1, NORTHERN CAPE PROVINCE

2. Details of the specialist:

| | | |
|--|--|--------------|
| Project Specialist: | | |
| Trading name (if any): | | |
| Business reg. no./ID. no.: | | |
| Contact person: | | |
| Physical address: | | |
| Postal address: | | |
| Postal code: | | Cell: |
| Telephone: | | Fax: |
| E-mail: | | |
| Qualifications: | | |
| Professional affiliation (s) (if any) | | |

3. Details of the consultant

| | | |
|-----------------------------------|---|-----------------------------|
| Project consultant/firm: | CW Vermeulen director at the Environmental Management Group (PTY) Ltd | |
| Business reg. no./ID. no.: | 2017/077689/07 | |
| Contact person: | CW Vermeulen | |
| Postal address: | P.O. Box 37473, Langenhoven park | |
| Postal code: | 9301 | Cell: 082 824 9308 |
| Telephone: | 051 412 6350 | Fax: +27 51 412 6351 |
| E-mail: | cww@envmgp.com | |

4. Declaration by the specialist appointed in terms of the Environmental Impact Assessment Regulations, 2010

I, _____, declare that --

- I act as the independent specialist in this application
- I will perform the work relating to the application in an objective manner, even if this results in views and findings that are not favourable to the applicant
- I declare that there are no circumstances that may compromise my objectivity in performing such work;
- I have expertise in conducting the specialist report relevant to this application, including knowledge of the Act, regulations and any guidelines that have relevance to the proposed activity;
- I will comply with the Act, regulations and all other applicable legislation;
- I have no, and will not engage in, conflicting interests in the undertaking of the activity;
- I undertake to disclose to the applicant and the competent authority all material information in my possession that reasonably has or may have the potential of influencing - any decision to be taken with respect to the application by the competent authority; and - the objectivity of any report, plan or document to be prepared by myself for submission to the competent authority;
- all the particulars furnished by me in this form are true and correct; and
- I realise that a false declaration is an offence in terms of Regulation 71 and is punishable in terms of section 24F of the Act.

Signature of the specialist:

Name of company (if applicable):

Date:

Signature of the Commissioner of Oaths:

Date:

Designation:

Official stamp (below):

Avifaunal specialist registration



herewith certifies that

Albert Froneman

Registration Number: 400177/09

is a registered scientist

in terms of section 20(3) of the Natural Scientific Professions Act, 2003
(Act 27 of 2003)
in the following field(s) of practice (Schedule 1 of the Act)

Zoological Science (Professional Natural Scientist)

Effective **8 September 2009**

Expires **31 March 2023**



A handwritten signature in black ink, appearing to read 'Botha'.

Chairperson

A handwritten signature in black ink, appearing to read 'M. Froneman'.

Chief Executive Officer



To verify this certificate scan this code

Avifaunal specialist registration



herewith certifies that

Megan Loftie-Eaton

Registration Number: 135161

is a registered scientist

in terms of section 20(3) of the Natural Scientific Professions Act, 2003
(Act 27 of 2003)
in the following field(s) of practice (Schedule 1 of the Act)

Ecological Science (Professional Natural Scientist)

Effective **27 January 2021**

Expires **31 March 2023**



A handwritten signature in black ink, appearing to read 'Botha'.

Chairperson

A handwritten signature in black ink, appearing to read 'M. Priddy'.

Chief Executive Officer



To verify this certificate scan this code

Appendix K
Title deeds

SEARCH INFORMATION

Summary

| | |
|--------------------|------------------------|
| Search Type | DATABASE PROPERTY FARM |
| Search Description | C06000000000005000002 |
| Reference | C10 |
| Date | 09/05/2022 |

FARM INFORMATION

Summary

| | |
|-----------------------|---------------------------|
| Deeds Office | KIMBERLEY |
| Property Type | FARM |
| Farm Name | KARABEE |
| Farm Number | 50 |
| Portion Number | 2 |
| Remainder | NO |
| Registration Division | PRIESKA RD |
| Municipality | EMTHANJENI MUNISIPALITEIT |
| Province | NORTHERN CAPE |
| Diagram Number | T179/1929 |
| Size (Registered) | 3978.59 H |
| Registration Date | 25/01/2017 |
| Last Sale Date | 03/10/2016 |
| Last Sale Price | R 2 366 910,00 |
| LPI Code | C06000000000005000002 |

ENDORSEMENT(S)

| Bond Number | Institution | Reg. Date | Amount |
|--------------------------------|-------------|------------|--------|
| CONVERTED FROM CTN | - | 01/01/1900 | 0 |
| FARM PR 50/2 | - | 01/01/1900 | 0 |
| VA-T119525/2003-PEND REG BOX14 | 15/12/2016 | 15/12/2016 | 0 |

OWNER INFORMATION

Owner 1 of 1

| | |
|------------------|---------------|
| Owner Name | KARABEE TRUST |
| Owner Type | TRUST |
| ID / Reg. Number | 46/2016(K) |
| Title Deed | T1590/2017CTN |
| Share | 0 |

REPORT INFORMATION

| | | |
|---------------------|------------------------|---|
| Date of Information | 09/05/2022 07:36 |  |
| Print Date | 09-05-2022 07:37 | |
| Generated By | CHRISTIEN KRUGER | |
| Reference | C10 | |
| Report Type | DATABASE PROPERTY FARM | |

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SEARCH INFORMATION

Summary

| | |
|--------------------|------------------------|
| Search Type | DATABASE PROPERTY FARM |
| Search Description | C06000000000005000004 |
| Reference | C10 |
| Date | 09/05/2022 |

FARM INFORMATION

Summary

| | |
|-----------------------|---------------------------|
| Deeds Office | KIMBERLEY |
| Property Type | FARM |
| Farm Name | KARABEE |
| Farm Number | 50 |
| Portion Number | 4 (REMAINDER) |
| Remainder | YES |
| Registration Division | PRIESKA RD |
| Municipality | EMTHANJENI MUNISIPALITEIT |
| Province | NORTHERN CAPE |
| Diagram Number | T5527/1929 |
| Size (Registered) | 2402.53 H |
| Registration Date | 22/09/1995 |
| Last Sale Date | 12/11/1994 |
| Last Sale Price | R 232 649,00 |
| LPI Code | C06000000000005000004 |

ENDORSEMENT(S)

| Bond Number | Institution | Reg. Date | Amount |
|--------------------|-------------|------------|--------|
| CONVERTED FROM CTN | - | 01/01/1900 | 0 |
| FARM PR 50/4 | - | 01/01/1900 | 0 |

OWNER INFORMATION

Owner 1 of 1

| | |
|------------------|-----------------|
| Owner Name | WONDERPAN TRUST |
| Owner Type | TRUST |
| ID / Reg. Number | IT42/1995 |
| Title Deed | T71496/1995CTN |
| Share | 0 |

REPORT INFORMATION

| | | |
|---------------------|------------------------|---|
| Date of Information | 09/05/2022 07:39 |  |
| Print Date | 09-05-2022 07:39 | |
| Generated By | CHRISTIEN KRUGER | |
| Reference | C10 | |
| Report Type | DATABASE PROPERTY FARM | |

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| Search Type | DATABASE PROPERTY FARM |
| Search Description | C06000000000005000008 |
| Reference | C10 |
| Date | 09/05/2022 |

FARM INFORMATION

Summary

| | |
|-----------------------|---------------------------|
| Deeds Office | KIMBERLEY |
| Property Type | FARM |
| Farm Name | KARABEE |
| Farm Number | 50 |
| Portion Number | 8 (REMAINDER) |
| Remainder | YES |
| Registration Division | PRIESKA RD |
| Municipality | EMTHANJENI MUNISIPALITEIT |
| Province | NORTHERN CAPE |
| Diagram Number | T13817/1943 |
| Size (Registered) | 2403.36 H |
| Registration Date | 22/09/1995 |
| Last Sale Date | 12/11/1994 |
| Last Sale Price | R 232 649,00 |
| LPI Code | C06000000000005000008 |

ENDORSEMENT(S)

| Bond Number | Institution | Reg. Date | Amount |
|--------------------|-------------|------------|--------|
| CONVERTED FROM CTN | - | 01/01/1900 | 0 |
| FARM PR 50/8 | - | 01/01/1900 | 0 |

OWNER INFORMATION

Owner 1 of 1

| | |
|------------------|-----------------|
| Owner Name | WONDERPAN TRUST |
| Owner Type | TRUST |
| ID / Reg. Number | IT42/1995 |
| Title Deed | T71496/1995CTN |
| Share | 0 |

REPORT INFORMATION

| | | |
|---------------------|------------------------|---|
| Date of Information | 09/05/2022 07:38 |  |
| Print Date | 09-05-2022 07:39 | |
| Generated By | CHRISTIEN KRUGER | |
| Reference | C10 | |
| Report Type | DATABASE PROPERTY FARM | |

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Appendix L
Other information



**THE PRESIDENCY
REPUBLIC OF SOUTH AFRICA**

Private Bag X1000, Pretoria, 0001, Tel: 012 300 5200 / Private Bag X 1000, Cape Town, 8000, Tel: 021 464 2100

Ms Meta Mhlarhi
Executive Director
Mahlako A Phahla Investments
345 Rivonia Road
Block A, 1st floor
Rivonia
Johannesburg
2191

10 August 2021

RE: LETTER OF SUPPORT FOR THE PRIESKA POWER RESERVE PROJECT

Infrastructure South Africa (ISA) was established by Cabinet on the 27th of May 2020 under the Executive Authority of the Minister of the Department of Public Works and Infrastructure. Infrastructure South Africa is responsible for developing a credible and robust project pipeline that stimulates aggregate demand, creates jobs, builds confidence in the economy and crowds in private sector funding for major public and private sector infrastructure projects.

South Africa's National Infrastructure Plan is purpose-driven and focused on immediate, medium- and long-term infrastructure implementation and investment across its lifecycle. It is the flywheel to economic growth and recovery that will lead to major job creation and address the essential developmental and economic needs of communities in both our rural and urban areas. ISA's focus sectors are the network industries being energy, water and sanitation, telecommunications and transport. Agriculture and Agro-processing, Human Settlements and Social Infrastructure projects were included as high impact sectors for job creation.

Promoting commercially viable Green Hydrogen projects are a particular focus area for ISA. In this regard, the Energy Technical Working Group has reviewed the Early Business Case submission for your Prieska Power Reserve Project. Separate correspondence has been issued highlighting the issues that need to be resolved in finalising the Early Business Case and preparing the Intermediate Business Case.

We look forward to continuing to develop this project with you and your team.

Kind regards,

A handwritten signature in black ink, appearing to be 'R' followed by a flourish.

Dr Kgosientsho Ramokgopa
Head: Investment and Infrastructure Office, Presidency
Date: 16 August 2021

SIYATHEMBA MUNISIPALITEIT

SIYATHEMBA MUNICIPALITY



Victoriastraat
Posbus 16
Prieska
8940
Telefoon (053) 353 5317
Faks (053) 353 1386
E-pos: mm@siyathemba.gov.za
Webtuiste: www.siyathemba.gov.za

Victoria Street
PO Box 16
Prieska
8940
Telephone (053) 353 5317
Fax (053) 353 1386
E-mail: mm@siyathemba.gov.za
Website: www.siyathemba.gov.za

Navrac/ Enquiries: H Meiring
Verwysing /Reference:

Datum /Date: 13 October 2021

The Executive Director
Central Energy Corporation (Pty) Ltd
7 Brebner Road
Westdene
Bloemfontein
9301

Dear Sir

CENEC/MAHLAKO: PRIESKA POWER RESERVE (PPR) PROJECT

The Siyathemba Municipal Council, on a Special Council Meeting held on 12 August 2021, resolved as follows:

1. That the PPR Project has the full support of Council;
2. That the Municipality approves the implementation of the Project in the different phases;
3. That land must be made available to PPR to implement the Project in full;
4. That Administration must assist PPR administratively to deal with all the legislative requirements at provincial and national departmental level to implement the project;
5. That Administration be authorised per a delegation of authority and subject to all legislative requirements must make pockets of municipal land available and entering into land agreements for successful implementation of the PPR Project; and
6. That Administration be authorised per a delegation to enter into agreements regarding services, both bulk and reticulated services.

To start with the implementation of the project a Steering Committee was established for the Project. The Steering Committee already held two meetings and it was resolved on the Steering Committee that the Municipality made the following commitment in terms of the Services:

1. **REGULAR MUNICIPAL SERVICES**

- 1.1. Given that the Municipality must provide the General Municipal Services - the Municipality will issue a standard services letter to PPR. The letter will be prepared by Mr Basson.
- 1.2. That each erf in the project will be given a separate municipal account.
- 1.3. That the Municipality in their next Budget make provision for a tariff for bulk raw water as well as the effluent water from the water treatment works.
- 1.4. That a study be done for the services required.

2. **THREE MEGALITRES RAW BULK WATER DAILY**

- 2.1.1. That the Municipality can make a commitment for 3 ML effluent water (raw bulk) from the water purification and sewer treatment works, daily for the pilot phase of the project from its current capacity.
- 2.1.2. That the Municipality will commence the application process to increase its water quota for the project expansion.
- 2.1.3. That the team from PPR that will do the analysis for the raw water services needed will meet with Mr Basson before November 2021.

3. **CONTRACTUAL ARRANGEMENTS BETWEEN SIYATHEMBA MUNICIPALITY AND PPR**

- 3.1. That both parties agree that the contracts between the parties be done by Herman van Heerden Attorneys.
- 3.2. That the Municipal Council already approved the project and gave instruction to make land and services available to the project.
- 3.3. That the contractual arrangements be investigated as to which type of contract in terms of renting and or partnerships will be the most beneficial to the community.

The Municipality is proud to be part of such a pioneer project, please be assured that you will have our full commitment in this venture.

Kind Regards


H Meiring
Acting Municipal Manager



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: 14/12/16/3/3/2/937

Enquiries: Mr Vincent Chauke

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

Mr Dick Berlijn
Camel Thorn Solar Power Plant (RF) (Pty) Ltd
PO Box 785553
SANDTON
2146

Telephone Number: (+2701) 500 3680
Cell phone Number: (+2774) 248 8488
Email Address: berlijn@subsolar.co.za

PER E-MAIL / MAIL

Dear Mr Berlijn



APPLICATION FOR ENVIRONMENTAL AUTHORISATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998: GN R. 982/983/984/985: FOR THE 115 MEGAWATTS (MW) CAMEL THORN PHOTOVOLTAIC SOLAR ENERGY FACILITY ON THE REMAINING EXTENT OF PORTION 2 OF THE FARM KARABEE 50 EAST OF THE TOWN OF PRIESKA WITHIN SIYATHEMBA 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 (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, 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.


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

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

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

By Email: appealsdirector@environment.gov.za

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

| | |
|--|--------------|
| EK SERTIFISEER DAT HIERDIE DOKUMENT 'N WARE AFDRUK (AFSKRIF) IS VAN DIE OORSPRONKLIKE DOKUMENT WAT AAN MY VIR WAARNEMING VOORGELE IS. EK SERTIFISEER VERDER DAT, VOLGENS MY WAARNEMINGS DAAR NIE 'N WYSIGING OF VERANDERING OP DIE OORSPRONKLIKE DOKUMENT VANGEBRING IS. | |
| I CERTIFY THAT THIS DOCUMENT IS A TRUE REPRODUCTION (COPY) OF THE ORIGINAL DOCUMENT WHICH WAS HANDLED TO ME FOR AUTHENTICATION. I FURTHER CERTIFY THAT FROM MY OBSERVATIONS, AN AMENDMENT OR A CHANGE HAS NOT MADE TO THE ORIGINAL DOCUMENT. | |
|  M.J. SETHUSA HANDTEKENING / SIGNATURE | |
| DIEN-NOMMER / FORCE NUMBER | 70595933 |
| NAAM IN DRUKSKRIF / NAME IN PRINT | M.J. SETHUSA |

M.S.

By post: Private Bag X447,
Pretoria,
0001

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

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


Yours faithfully


Mr Sabelo Malaza
 Chief Director: Integrated Environmental Authorisations
 Department of Environmental Affairs
 Date: 17/02/2019

| | | | |
|-----|---------------|-------------------------------|---|
| cc: | Ms M Griesel | Environamics | Email: marelie@environamics.co.za |
| | Mrs D Werth | Northern Cape DE&NC | Email: dwerth@ncpg.gov.za |
| | Mr GJ Bessies | Siyathemba Local Municipality | Email: hastingsnel@gmail.com |

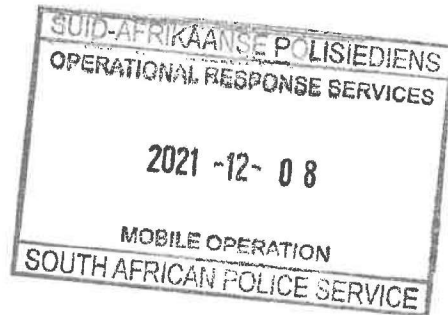
EK SERTIFISEER DAT HIERDIE DOKUMENT 'N WARE AFDRUK (AFSKRIF) IS VAN DIE OORSPRONKLIKE DOKUMENT WAT AAN MY VIR WAARNEMING VOORGELE IS. EK SERTIFISEER VERDER DAT, VOLGENS MY WAARNEMINGS DAAR NIE 'N WYSGING OF VERANDERING OP DIE OORSPRONKLIKE DOKUMENT "ANGEDRING IS NIE.

I CERTIFY THAT THIS DOCUMENT IS A TRUE REPRODUCTION (COPY) OF THE ORIGINAL DOCUMENT WHICH WAS HANDLED TO ME FOR AUTHENTICATION. I FURTHER CERTIFY THAT FROM MY OBSERVATIONS AN AMENDMENT OR A CHANGE HAS NOT BEEN MADE TO THE ORIGINAL DOCUMENT.


 M.J. KETHUSA
 HANDTEKENING / SIGNATURE

DIE / SNOMMER / FORCE NUMBER 7089592-3 RANG / RANK Sgt

NAAM IN DRUKSKRIF / NAME IN PRINT M.J. KETHUSA



M r



environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

EK SERTIFISEER DAT HIERDIE DOKUMENT 'N WARE AFDRUK (AFSKRIF) IS VAN DIE OORSPRONKLIKE DOKUMENT WAT AAN MY VIR WAARNEMING VOORGELEI IS. EK SERTIFISEER VERDER DAT, VOLGENS MY WAARNEMINGS DAAR AAN, GEEN VERANDERING OF VERANDERING OP DIE OORSPRONKLIKE DOKUMENT GEDAG IS NIE.

I CERTIFY THAT THE DOCUMENT IS A TRUE REPRODUCTION (COPY) OF THE ORIGINAL DOCUMENT WHICH WAS HANDLED TO ME FOR AUTHENTICATION. I FURTHER CERTIFY THAT FROM MY OBSERVATIONS, AN AMENDMENT OR A CHANGE MADE TO THE ORIGINAL DOCUMENT.

7059593-3
M. J. SETHUSA
HANDTEKENING / SIGNATURE
DIENSNUMMER / FORCE NUMBER 7059593-3 RANG RANG SCS
NAAM IN DRUKSKRIF / NAME IN PRINT M. J. SETHUSA

Environmental Authorisation

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

The 115 Megawatts (MW) Camel Thorn Photovoltaic Solar Energy Facility on the Remaining Extent of Portion 2 of the Farm Karabee No. 50 east of the town of Prieska within the Siyathemba Local Municipality in the Northern Cape Province

Pixley Ka Seme District Municipality

| | |
|---------------------------------------|---|
| Authorisation register number: | 14/12/16/3/3/2/937 |
| Last amended: | First issue |
| Holder of authorisation: | Camel Thorn Solar Power Plant (RF) (Pty) Ltd |
| Location of activity: | The Remaining Extent of Portion 2 of the Farm Karabee No. 50, Siyathemba Local Municipality, Pixley Ka Seme District Municipality, Northern Cape Province |

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

Decision

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

Non-compliance with a condition of this 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 –

Camel Thorn Solar Power Plant (RF) (Pty) Ltd

(hereafter referred to as the holder of the authorisation)

with the following contact details –

Mr Dick Berlijn
Camel Thorn Solar Power Plant (RF) (Pty) Ltd
PO Box 785553
SANDTON
2146

Telephone Number: (+2701) 500 3680
Cell phone Number: (+2774) 248 8488
Fax Number: (+2786) 273 1614
Email Address: berlijn@subsolar.co.za

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| EK SERTIFISEER DAT HIERDIE DOKUMENT 'N WARE AFDRUK (AFSKRIF) IS VAN DIE OORSPRONKLIKE DOKUMENT WAT AAN MY VIR WAARNEMING VOORGELE IS. EK SERTIFISEER VERDER DAT, VOLGENS MY WAARNEMINGS DAAR NIE 'N WYSIGING OF VERANDERING OP DIE OORSPRONKLIKE DOKUMENT VANGEBRING IS NIE. | |
| THIS DOCUMENT IS A TRUE REPRODUCTION (COPY) OF THE ORIGINAL DOCUMENT WHICH WAS HANDED TO ME FOR AUTHENTICATION. I CERTIFY THAT FROM MY OBSERVATIONS, AN AMENDMENT OR A CHANGE TO THE ORIGINAL DOCUMENT. | |
| Handwritten signature: <i>M.J. SETHENA</i> | |
| DIENSNOMMER / FORCE NUMBER | 70595937 |
| HANDEKENING / SIGNATURE | <i>M.J. SETHENA</i> |
| NAAM IN DRUKSKRIF / NAME IN PRINT | M.J. SETHENA |
| RANG / RANK | Sgt |



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I CERTIFY THAT THIS DOCUMENT IS A TRUE REPRODUCTION (COPY) OF THE ORIGINAL DOCUMENT WHICH WAS HANDED TO ME FOR AUTHENTICATION. I FURTHER CERTIFY THAT FROM MY OBSERVATIONS, AN AMENDMENT OR A CHANGE WAS NOT MADE TO THE ORIGINAL DOCUMENT.

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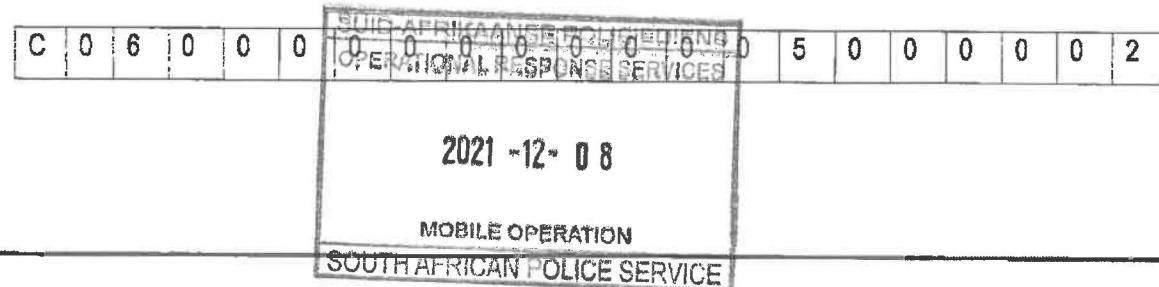
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to undertake the following activities (hereafter referred to as "the activity") indicated in Listing Notice and Listing Notice 2 (GN R. 983 and 984):

| Activity number | Activity description |
|---|--|
| GN R. 983: Activity 11: <i>"The development of facilities or infrastructure for the transmission and distribution of electricity – (i) Outside urban area or industrial complexes with a capacity of more than 33 but less than 275 kilovolts..."</i> | The proposed Camel Thorn Solar Power Plant (RF) (Pty) Ltd photovoltaic solar facility will transmit and distribute electricity of 132 kilovolts outside an urban area. |
| GN R. 983: Activity 28: <i>"Residential, mixed, retail, commercial, industrial or institutional developments where such land was used for agriculture or afforestation on or after 1998 and where such development: (ii) will occur outside an urban area, where the total land to be developed is bigger than 1 hectare."</i> | The proposed Camel Thorn Solar Power Plant (RF) (Pty) Ltd photovoltaic solar facility will result in the property being rezoned to "special" land use. |
| GN R. 984: Activity 1: <i>"The development of facilities or infrastructure for the generation of electricity where the electricity output is 20 megawatts or more."</i> | The proposed Camel Thorn Solar Power Plant (RF) (Pty) Ltd photovoltaic solar facility will have an electricity output of 115 megawatts. |
| GN R. 984: Activity 15: <i>"The clearance of an area of 20 hectares or more of indigenous vegetation."</i> | The proposed Camel Thorn Solar Power Plant (RF) (Pty) Ltd photovoltaic solar facility will have a maximum footprint of 250ha and as such exceeds the threshold defined in this activity. |

as described in the Environmental Impact Assessment Report (EIAr) dated October 2016 at:

21 SG Code:

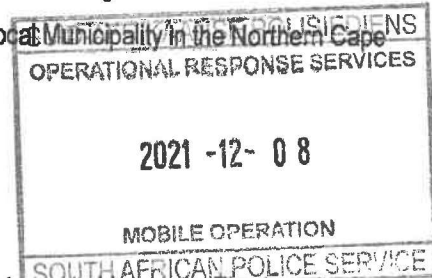


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| PV Facility (Preferred site) | Latitude | Longitude |
|--|------------------|------------------|
| <small>EK CERTIFISEER DAT HIERDIE DOKUMENT 'N WARE AFDRUK (AFSKRIF) IS VAN DIE OORSpronKLIKE DOKUMENT, WAT ALTYD VIR WAARHEID IS. EK CERTIFISEER VERDER DAT, VOLGENS MY WAARNEMINGS DAAR NE IN WYSIGING OF VERANDERING OP DIE OORSPRONKLIKE DOKUMENT AANGEKONDIG IS.</small> | 29° 41' 55.72" S | 22° 50' 56.99" E |
| <small>CERTIFY THAT THIS DOCUMENT IS A TRUE REPRODUCTION (COPY) OF THE ORIGINAL DOCUMENT WHICH WAS HANDED TO ME FOR AUTHENTICATION. I FURTHER CERTIFY THAT FROM MY OBSERVATIONS, AN AMENDMENT OR A CHANGE HAS NOT BEEN MADE TO THE ORIGINAL DOCUMENT.</small> | 29° 42' 08.74" S | 22° 52' 04.80" E |
| <i>M.J. Setlhosa</i> <small>HANDTEKENING / SIGNATURE</small> | 29° 42' 24.20" S | 22° 52' 10.93" E |
| <small>DIENSNOMMER / RANG</small> 705 5932 <small>RANG RANK</small> Supt | 29° 43' 01.51" S | 22° 51' 38.68" E |
| <small>NAAM IN DRUKSKRIF / NAME IN PRINT</small> M.J. Setlhosa | 29° 42' 43.51" S | 22° 51' 00.61" E |
| | 29° 42' 21.67" S | 22° 51' 17.75" E |
| | 29° 42' 06.78" S | 22° 50' 43.35" E |
| Access road | | |
| | 29° 41' 40.90" S | 22° 50' 52.40" E |
| | 29° 41' 48.32" S | 22° 50' 54.87" E |
| | 29° 41' 55.76" S | 22° 50' 57.13" E |
| Power line | | |
| | 29° 41' 32.88" S | 22° 50' 50.91" E |
| | 29° 41' 43.23" S | 22° 50' 54.16" E |
| | 29° 41' 56.00" S | 22° 50' 58.04" E |

- for the 115 MW Camel Thorn Photovoltaic Solar Energy Facility on the Remaining Extent of Portion 2 of the Farm Karabee No. 50 east of the town of Prieska within the Siyathemba Local Municipality in the Northern Cape Province, hereafter referred to as "the property".



The Camel Thorn Solar PV Energy Facility will comprise the following:

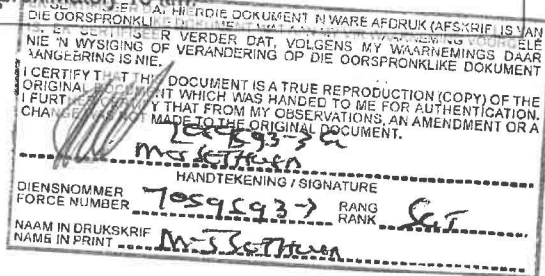
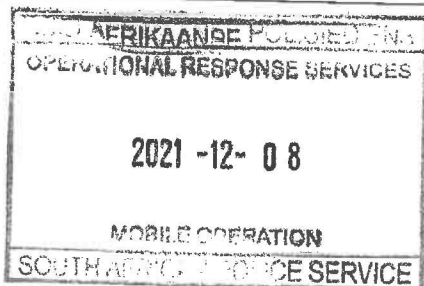
- PV Panel Array - to produce a maximum capacity of 115MW;
- Wiring to central inverters - Sections of the PV array will be wired to central inverters. The inverter is a pulse width mode inverter that converts direct current (DC) electricity to alternating current (AC) electricity at grid frequency;
- Connection to the grid – Connecting the array to the electrical grid requires transformation of the voltage from 480V to 33kV to 132kV;
- Electrical reticulation network – An internal electrical reticulation network will be required and will be laid ~2 - 4m underground as far as practically possible;
- Supporting infrastructure – The following auxiliary buildings with basic services including water and electricity will be required on site:
 - Office (~16m x 9.85m);

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- Switch gear and relay room (~25m x 14m);
- Staff lockers and changing room (~21.7m x 9.85m); and
- Security control (~11.8m x 5.56m).
- Roads – Access will be obtained via an existing R357 Provincial Road. An internal site road network will also be required to provide access to the solar field and associated infrastructure. The access road will have a width of ~ 6m and the internal road/track between 8m and 10m, and
- Fencing - Cochrane Clearvu fencing with a height of 2.5 meters will be used.

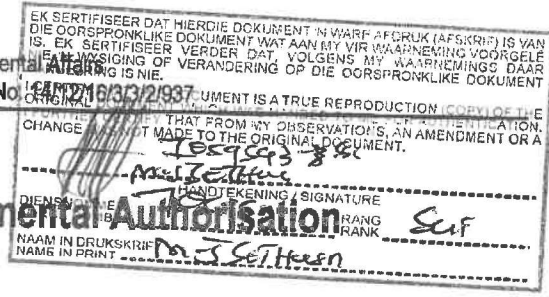
Technical details of the proposed facility:

| Component | Description/ Dimensions |
|--|---|
| Height of PV panels | 3.5 meters. |
| PV Panel area | 250 ha. |
| Number of inverters required | 34 minimum. |
| Area to be occupied by inverter / transformer stations / substations | Inverter Transformer Station: 2.5 x 7.6 meters (19m ²). Substation: 3 000m ² . |
| Capacity of on-site substation | 132 KV. |
| Area to be occupied by both permanent and construction laydown areas | Permanent Laydown Area: 250 Hectares. Construction Laydown Area: 713.11 m ² . |
| Area to be occupied by buildings | Security Room: 66.74 m ² . Office: 157.6 m ² . Staff locker and changing room: 213.745 m ² . |
| Generation capacity | 115 MW. |
| Proposed technology | Photovoltaic Solar facility (PV) |
| Width and length of internal roads | Main internal road - width: Between 8 and 10 meters, length: Approximately 13 km. |





Department of Environmental Affairs
Environmental Authorisation Reg. No. 10216/33/2/1937



Conditions of this Environmental Authorisation

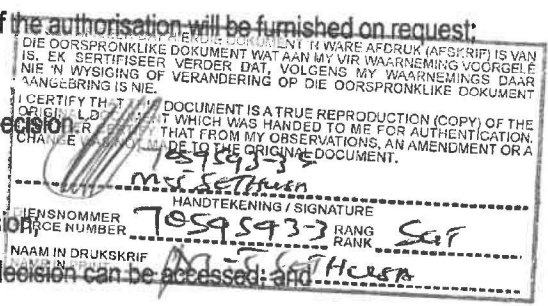
Scope of authorisation

1. The 115 MW Camel Thom Photovoltaic Solar Energy Facility on the Remaining Extent of Portion 2 of the Farm Karabee No. 50 east of the town of Prieska within the Siyathemba Local Municipality in the Northern Cape Province as described above is hereby approved.
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. 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.

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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 14 (fourteen) 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.
12. The holder of the authorisation must publish a notice –
 - 12.1. informing interested and affected parties of the decision;
 - 12.2. informing interested and affected parties where the decision can be accessed; and
 - 12.3. 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

13. 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

14. The development layout plan titled "Camel Thorn Solar Power Plant dated 04 March 2016" is approved.
15. The Environmental Management Programme (EMPr) submitted as part of the application for EA is hereby approved. This EMPr must be implemented and adhered to.



M.S.