

COMMENTS RECEIVED DURING BASIC ASSESSMENT
ANNOUNCEMENT PHASE

publicprocess

From: Tumi Letele <tumi@makali.co.za>
Sent: Friday, August 3, 2018 9:15 AM
To: publicprocess@savannahsa.com
Subject: Moeding Solar

Follow Up Flag: Follow up
Flag Status: Completed

I would like to know what Surveying inputs will be needed on this project.
I run a Engineering Survey Company.
Regards
Tumelo Letele

Savannah Environmental Public Process

From: Savannah Environmental Public Process <publicprocess@savannahsa.com>
Sent: 06 August 2018 7:36 AM
To: 'Allsolar Noordwes'
Cc: Gabriele Stein
Subject: RE: Moeding Solar PV Facility - Project Database registration

Dear Anita,

Thank you for your email. This serves to confirm that you have been registered as an I&AP on the Moeding Database as requested.

Thank you and kind regards,

From: Allsolar Noordwes [mailto:oordwes@allsolar.co.za]
Sent: 03 August 2018 9:43 AM
To: publicprocess@savannahsa.com
Cc: 'debra van der merwe' <debra2@vodamail.co.za>; 'Elsa Nel' <elsanel9.en@gmail.com>
Subject: Moeding Solar PV Facility - Project Database registration

Hello Rozanne,

With reference to the proposed Moeding Solar PV facility planned just south of Vryburg, as per attached public notice publish in The Stellalander newspaper on 1 August 2018.

We, as Allsolar Noordwes, wish to register as an interested party, on the project database.

Being in the renewable energy industry, we are always interested in any developments in this field, as we are very passionate about it. Our interest stems from various aspects, from pure curiosity, to being able to refer to this project as a good example of solar energy products, to promoting solar energy, to being directly or indirectly involved in this project, as a contractor or service provider, etc.

Please use the following information for registration purposes:

COMPANY: Allsolar Noordwes

CONTACT: Anita de Beer / Debra Brooks

CELL: 082 876 9141 / 082 820 3118

EMAIL: oordwes@allsolar.co.za

INTEREST: 1) Direct or indirect involvement as subcontractor / service provider, 2) general interest as co-solar solution provider, 3) showcasing Moeding as good example of solar energy production in action, to promote solar energy to the general public and to raise awareness thereof.

For look forward to receiving more information about Moeding and to see the project unfold.

Regards,

Anita de Beer

Technical Support

ALLSOLAR Noordwes

082 876 9414 / 082 894 3523

oordwes@allsolar.co.za

Savannah Environmental Public Process

From: Savannah Environmental Public Process <publicprocess@savannahsa.com>
Sent: 14 August 2018 8:37 AM
To: 'Lesley Tsolo'
Cc: Gabriele Stein; 'Nicolene Venter'
Subject: RE: Moeding Solar PV FACILITY, NORTH WEST PROVINCE

Good Morning Lesley,

Thank you for your email. This serves to confirm that you have been registered as an Interested and Affected Party on the Moeding project database.

Kind regards,

From: Savannah Environmental Public Process [mailto:publicprocess@savannahsa.com]
Sent: 14 August 2018 7:18 AM
To: 'Lesley Tsolo' <mmesa6361@gmail.com>
Cc: Gabriele Stein <gabriele@savannahsa.com>; 'Nicolene Venter' <nicolene@savannahsa.com>
Subject: RE: Moeding Solar PV FACILITY, NORTH WEST PROVINCE

Good Morning Lesley,

Thank you for your email. This serves to confirm that you have been registered as an Interested and Affected Party on the Moeding project database.

Kind regards,

From: Lesley Tsolo [mailto:mmesa6361@gmail.com]
Sent: 08 August 2018 7:04 AM
To: publicprocess@savannahsa.com
Subject: Moeding Solar PV FACILITY, NORTH WEST PROVINCE

Good day Rozanne.

Kindly forward further information to us regarding the Project above. And please note that we will need to register on the Project Database as soon as possible.

Your advise will be appreciated.

Company Name: OSAA Engineering (Pty) Ltd
Company Reg: 2016/323402/07
Contact Person: Lesley L Tsolo
Contact Numbers: 060 747 9667/076 202 2951

publicprocess

From: Savannah Environmental Public Process <publicprocess@savannahsa.com>
Sent: Wednesday, October 3, 2018 12:53 PM
To: 'Magdalena Kataryna Michalowska'
Subject: RE: Moeding Solar PV Facility

Hi,

This serves to confirm that you have been registered as requested.

Kind regards,

Rozanne Els

Public Participation Co-ordinator | Savannah Environmental (Pty) Ltd
Tel: +27 (0)11 656 3237 | Fax: +27 (0)86 684 0547

[SAWEA Award for Leading Environmental Consultant for Wind Projects in 2013 & 2015](#)

From: Magdalena Kataryna Michalowska [mailto:m.michalowska@buildingenergy.it]
Sent: 03 October 2018 12:12 PM
To: publicprocess@savannahsa.com
Cc: Magdalena Kataryna Michalowska <m.michalowska@buildingenergy.it>
Subject: Moeding Solar PV Facility

Hi Rozanne,

Please register me as an I&AP for this Project.

Interest: To keep up to date with the renewable energy sector and projects that are in development stages.

Thanks,
Maggie

Regards,
Magdalena Michalowska
Mob: +27 72 212 1531- **Skype:** [m.michalowska@buildingenergy.it](https://www.skype.com/people/m.michalowska@buildingenergy.it)
Office: +27 21 418 3940
Fax: +27 86 297 5902

Building Energy South Africa (PTY) LTD
14th Floor, Pier Place
Heerengracht Street
Foreshore, Cape Town
8001
SOUTH AFRICA
www.buildingenergy.it

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publicprocess

From: publicprocess <publicprocess@savannahsa.com>
Sent: Thursday, January 10, 2019 3:09 PM
To: 'neil@amdadevelopments.co.za'
Cc: 'Nicolene Venter'; 'Rozanne Els'
Subject: RE: Moeding Solar PV
Attachments: Moeding PV _Layout Map 21.12.18.jpg; Moeding PV _Regional Map - 18.12.18.jpg

Dear Neil,

Firstly, apologies for the delay in sending you the requested information.

Please find attached the Moeding PV Layout Map (inclusive of the grid corridor) and the Moeding PV Regional Map.

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

Kind regards,

Nicolene Venter

Public Participation & Social Consultant | Savannah Environmental (Pty) Ltd
Tel: +27 (0)11 656 3237 | Fax: +27 (0)86 684 0547

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From: Savannah Environmental Public Process <publicprocess@savannahsa.com>
Sent: Tuesday, August 14, 2018 7:24 AM
To: 'neil@amdadevelopments.co.za' <neil@amdadevelopments.co.za>
Cc: 'Nicolene Venter' <nicolene@savannahsa.com>
Subject: RE: Moeding Solar PV

Good Morning Neil,

Thank you for your email. This serves to confirm that you have been registered as an interested and Affected party on the Moeding project database.

In regards with the Information requested, I will send it through in due course.

Kind regards,

From: neil@amdadevelopments.co.za [<mailto:neil@amdadevelopments.co.za>]
Sent: 08 August 2018 11:14 AM
To: publicprocess@savannahsa.com
Cc: piero@amdadevelopments.co.za
Subject: Moeding Solar PV

Good morning Savannah,

Can you please register us as Interested and Affected Parties in respect of the Moeding Solar PV Facility (as per the attached).

Can you also please share the location of the Facility and the proposed grid connection route?

Best,

Neil van der Merwe

AMDA Developments (on behalf of)

The Adderley Level D
25 Adderley Street Cape Town

Cell: +27 82 926 5832

Tel: +27 21 462 3382

Email: neil@amdadevelopments.co.za





agriculture, forestry & fisheries

Department:
Agriculture, forestry & fisheries
REPUBLIC OF SOUTH AFRICA

Directorate Land Use and Soil Management, Private Bag x120, Pretoria, 0001
Delpen Building, c/o Annie Botha & Union Streets, Riviera

From: Director: Land Use and Soil Management

Tel: (012) 319 7678 **Fax:** (012) 329 5938 **e-mail:** agriland@nda.agric.za

**SAVANNAH ENVIROMENTAL
BLOCK 2,5
WOODLANDS DRIVE PARK
CNR WOODLANDS DRIVE
2191**

2018-08-08

Dear Sir/Madam

This serves as a notice of receipt and confirms that your application has been captured in our electronic AgriLand tracking and management system. It is strongly recommended that you use the on-line AgriLand application facility in future.

Detail of your application as captured:

Type: REZONING

Your reference number:

Property Description: ROSENDAL NO. 673,PTN 4

Dated: AUGUST 2018

Please use the following reference number in all enquiries:

AgriLand reference number: 2018_08_0024

Enquiries can be made to the above postal, fax or e-mail address.

Yours sincerely,

N.V. MAUMELA

pp DIRECTOR: LAND USE AND SOIL MANAGEMENT

Online application available at: <http://www.agis.agric.za/agriland>

publicprocess

From: publicprocess <publicprocess@savannahsa.com>
Sent: Friday, January 11, 2019 9:51 AM
To: 'Barnard, Hennie, Vodacom South Africa'
Cc: 'nicolene@savannahsa.com'
Subject: RE: Moeding Solar PV Facility: Notification of Basic Assessment Process

Hi Hennie,

Much appreciated!

Nicolene Venter

Public Participation & Social Consultant | Savannah Environmental (Pty) Ltd
Tel: +27 (0)11 656 3237 | Fax: +27 (0)86 684 0547

[SAWEA Award for Leading Environmental Consultant for Wind Projects in 2013 & 2015](#)

From: Barnard, Hennie, Vodacom South Africa <Hennie.Barnard@vodacom.co.za>
Sent: Friday, January 11, 2019 8:41 AM
To: Savannah Public Process <publicprocess@savannahsa.com>
Cc: nicolene@savannahsa.com
Subject: RE: Moeding Solar PV Facility: Notification of Basic Assessment Process

Nicolene,

Letter as requested.

Regards



Hennie Barnard

Property Manager
Mobile: +27 82 990 6620
Email: hennie.barnard@vodacom.co.za
Address: Unipark Buiding, 1st Floor
082 Vodacom Lane off Noble Str, Brandwag 9324
www.vodacom.co.za

The future is exciting.
Ready?

This e-mail is classified C2 - Vodacom Restricted - Information to be used inside Vodacom but it may be shared with authorised partners.

From: Savannah Public Process <publicprocess@savannahsa.com>
Sent: Thursday, 10 January 2019 6:18 PM
To: Barnard, Hennie, Vodacom South Africa <Hennie.Barnard@vodacom.co.za>
Cc: Barnard, Hennie, Vodacom South Africa <Hennie.Barnard@vodacom.co.za>; nicolene@savannahsa.com
Subject: Moeding Solar PV Facility: Notification of Basic Assessment Process

Dear Hennie,

Thank you for your telephone call this afternoon and your e-mail (at 15h56).

Moeding Solar (Pty) Ltd is proposing the development of a photovoltaic (PV) solar energy generation facility, and associated infrastructure on a site situated approximately 8km south of Vryburg. The facility is known as the Moeding Solar PV Facility and will be located within the Naledi Local Municipality and within the greater Dr Ruth Segomotsi Mompati District Municipality in the North West Province. The project site is also located within Zone 6 of the Renewable Energy Development Zones (REDZ), which is known as the Vryburg REDZ.

Savannah Environmental has been appointed to undertake the Basic Assessment Process for the Moeding Solar PV Facility.

Please find attached the Background Information Document that will provide Vodacom with information regarding this proposed development and the Basic Assessment and Public Participation Process.

A KML file depicting the location of the Vodacom tower is also attached.

Please do not hesitate to contact us should you require any additional information at this stage

Nicolene Venter

Public Participation and Social Consultant | Savannah Environmental (Pty) Ltd
Tel: +27 (0)11 656 3237 | Fax: +27 (0)86 684 0547

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"This e-mail is sent on the Terms and Conditions that can be accessed by Clicking on this link <https://webmail.vodacom.co.za/tc/default.html> "

11 January 2019

Directors of Moeding Solar (Pty) Ltd
P/A Savannah Environmental
First Floor
Block 2
5 Woodlands Drive Office Park
Cnr Woodlands Drive & Western Services Road
Woodmead
2191

Attention: Directors of Moeding Solar (Pty) Ltd

PROPOSED MOEDING SOLAR PV FACILITY SITUATED NEAR VRYBURG IN THE NORTH WEST PROVINCE

Directors

The letter, send on your behalf by Savannah Environmental, on 11 January 2019 refers.

Vodacom (Pty) Ltd has no objection to the proposed solar PV facility, situated on Portion 1 on the farm Champions Kloof 731, Portion 4 and the remaining extent of Portion 3 of the farm Waterloo 730, situated approximately 8km south of Vryburg in the North West Cape Province.

Yours sincerely



Hennie Barnard
Property Manager
Vodacom Central Region

Vodacom (Pty) Ltd
082 Vodacom Lane, Off Nobel Street, Brandwag, Bloemfontein, 9301
P.O. Box 100958, Brandhof, 9324

Phone +27 (0)82 271 1400
Fax +27 (0)82 271 1430

vodacom.co.za

publicprocess

From: publicprocess <publicprocess@savannahsa.com>
Sent: Wednesday, January 16, 2019 4:09 AM
To: 'Thiba, Dr Tumelontle'
Cc: 'Nicolene Venter'
Subject: Moeding Solar PV Facility: Contract

Dear Dr Thiba,

That would be greatly appreciated.

Kind regards,

Nicolene Venter

Public Participation & Social Consultant | Savannah Environmental (Pty) Ltd
Tel: +27 (0)11 656 3237 | Fax: +27 (0)86 684 0547

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From: Thiba, Dr Tumelontle <ThibaT@elections.org.za>
Sent: Tuesday, January 15, 2019 3:19 PM
To: publicprocess <publicprocess@savannahsa.com>
Cc: 'Nicolene Venter' <nicolene@savannahsa.com>
Subject: RE: Moeding Solar PV Facility: Focus Group Meeting Notes (Monday, 06 August 2018)

I will send you a copy of the contract sent to me last year.

From: publicprocess [publicprocess@savannahsa.com]
Sent: 15 January 2019 11:25 AM
To: Thiba, Dr Tumelontle
Cc: 'Nicolene Venter'
Subject: RE: Moeding Solar PV Facility: Focus Group Meeting Notes (Monday, 06 August 2018)

Dear Dr Thiba,

Thank you for your phone call yesterday morning and the summary of our discussion as per your e-mail below.

As informed during our telephone discussion, Savannah Environmental is undertaking the Basic Assessment process for the proposed Moeding Solar PV Facility and Associated Infrastructure. The solar energy facility is proposed to be developed on the following properties:

- * Portion 1 of the farm Champions Kloof 731
 - * Portion 4 and the Remaining Extent of Portion 3 of the farm Waterloo 730
- All three of these properties are owned by the Tiger Kloof Educational Institution

According to the Geographical Information System (GIS) and WinDeed (Deed Search) information, your property, Remainder of the farm Champions Kloof 731, is situated south-east of the project's proposed development properties (see extract below), and as required by the Environmental Impact Assessment (EIA) Regulations, you, as an adjacent landowner were notified of the proposed development.

We can confirm that neither Savannah Environmental (Pty) Ltd nor Moeding Solar (Pty) Ltd issued / submitted a contract to you, as the registered property owner of the above-mentioned property.

Please feel free to contact us should you have any queries related to the Moeding Solar PV Facility.

Kind regards,

Nicolene Venter

Public Participation & Social Consultant | Savannah Environmental (Pty) Ltd

Tel: +27 (0)11 656 3237 | Fax: +27 (0)86 684 0547

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From: Thiba, Dr Tumelontle <ThibaT@elections.org.za>

Sent: Monday, January 14, 2019 10:54 AM

To: Savannah Public Process <publicprocess@savannahsa.com>; nicolene@savannahsa.com

Subject: RE: Moeding Solar PV Facility: Focus Group Meeting Notes (Monday, 06 August 2018)

Ms Venter

I would like to confirm our discussion of 10h50 this morning and reiterate that I am not in the least interested in the solar project and do not want any company or person violating my land. Please send this message to the company responsible for the project and stress it to them that I do not want to have anything to do with their business and the selfish, self-serving contract they sent me.

Thank you

Dr Thiba

From: Savannah Public Process [<mailto:publicprocess@savannahsa.com>]

Sent: 09 January 2019 05:53 PM

To: nicolene@savannahsa.com<<mailto:nicolene@savannahsa.com>>

Subject: Moeding Solar PV Facility: Focus Group Meeting Notes (Monday, 06 August 2018)

Beste Grondeienaars / Dear Landowners,

Aangeheg vir u aandag is die vergaderingsnotas vir die Fokusgroepvergadering gehou op Maandag, 06 August 2018. / Attached please find the meeting notes of the Focus Group Meeting held on Monday, 06 August 2018.

U insette op die dokument is welkom. / Your inputs on the documents are welcomed

Vriendelike groete / Kind regards,

Nicolene Venter

Public Participation and Social Consultant | Savannah Environmental (Pty) Ltd

Tel: +27 (0)11 656 3237 | Fax: +27 (0)86 684 0547

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[\[https://ipmcdn.avast.com/images/icons/icon-envelope-tick-round-orange-animated-no-repeat-v1.gif\]](https://ipmcdn.avast.com/images/icons/icon-envelope-tick-round-orange-animated-no-repeat-v1.gif)<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient> Virus-free. www.avast.com<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient>

From: Savannah Public Process [<mailto:publicprocess@savannahsa.com>]
Sent: 09 January 2019 05:53 PM
To: nicolene@savannahsa.com
Subject: Moeding Solar PV Facility: Focus Group Meeting Notes (Monday, 06 August 2018)

Beste Grondeienaars / Dear Landowners,

Aangeheg vir u aandag is die vergaderingsnotas vir die Fokusgroepvergadering gehou op Maandag, 06 August 2018. / Attached please find the meeting notes of the Focus Group Meeting held on Monday, 06 August 2018.

U insette op die dokument is welkom. / Your inputs on the documents are welcomed

Vriendelike groete / Kind regards,

Nicolene Venter

Public Participation and Social Consultant| Savannah Environmental (Pty) Ltd
Tel: +27 (0)11 656 3237 | Fax: +27 (0)86 684 0547

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COMMENTS RECEIVED DURING THE 30-DAY BASIC
ASSESSMENT REVIEW PERIOD

INTERESTED AND AFFECTED PARTIES
Including Landonwers

publicprocess

From: publicprocess <publicprocess@savannahsa.com>
Sent: Friday, January 18, 2019 6:25 PM
To: 'theunlimitedcheetahs@gmail.com'
Cc: 'Nicolene Venter'
Subject: Moeding Solar PV: Confirmation of Registration

Dear Lebogang,

As requested in your e-mail below, please receive herewith confirmation that your company has been registered on the above-mentioned project's database.

Please be informed that Savannah Environmental is an independent environmental consultant appointed for the sole purpose of conducting the Basic Assessment processes for the proposed Moeding Solar PV and associated infrastructure project. Savannah Environmental is therefore not affiliated with the applicant and not responsible for any form of procurement or new business on their behalf.

Your e-mail below has, however, been forwarded to the Applicant for their consideration. It will be the applicant's discretion to contact you in the future should they wish to make use of your services at the appropriate stage.

Kind regards,

Nicolene Venter

Public Participation & Social Consultant | Savannah Environmental (Pty) Ltd
Tel: +27 (0)11 656 3237 | Fax: +27 (0)86 684 0547

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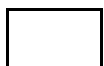
From: lebogang sebeela <theunlimitedcheetahs@gmail.com>
Sent: Wednesday, January 16, 2019 10:36 AM
To: publicprocess@savannahsa.com
Subject: Project database register

Good day nicolene venter

I'm lebogang Diego sebeela from the unlimited cheetahs group in vryburg I'm just want to register my company to be tendering for security service wen your site restarted to operated so I'm just want to know what the requirements that are you going to need in that project

Hope to hear from you soon
Regards

lebogang sebeela



Virus-free. www.avast.com

Nicolene Venter

From: publicprocess <publicprocess@savannahsa.com>
Sent: Monday, February 11, 2019 8:00 AM
To: 'Sipho Moreosele'
Cc: 'Nicolene Venter'
Subject: RE: Information
Attachments: Moeding Solar PV Facility (English).pdf; Moeding BAR Review Notification Letter.pdf

Follow Up Flag: Follow up
Due By: Wednesday, February 20, 2019 6:00 AM
Flag Status: Flagged

Dear Sipho,

Thank you for your e-mail below.

For information regarding the proposed project, please find attached the Background Information Document (BID) that was distributed in July last year.

As per the attached BID, Savannah Environmental is conducting the Basic Assessment process as is required for the Environmental Authorisation application and process.

The process of applying for a job is forwarded to the applicant.

Please be informed that the Basic Assessment Report is currently available for public review and comment at the Huhudi and Vryburg Libraries (please see attached notification letter). The comment period ends next week Monday, 18 February 2019.

In terms of the starting date, please be informed that should the Applicant be successful in the Bidding process of the Department of Energy's call for tenders, it is envisaged that construction may only start in 3 or 4 years' time.

Hope you find above-mentioned response in good order.

Kind regards,

Nicolene Venter

Public Participation & Social Consultant | Savannah Environmental (Pty) Ltd
Tel: +27 (0)11 656 3237 | Fax: +27 (0)86 684 0547

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From: Sipho Moreosele <siphomoreosele1995@gmail.com>
Sent: Sunday, February 10, 2019 11:08 AM
To: publicprocess@savannahsa.com
Subject: Information

Hi

I would like to know more about your project that will be taking place in vryburg. How do one apply for a job and when is the starting date.



This email has been checked for viruses by Avast antivirus software.
www.avast.com

publicprocess

From: lebogang sebeela <theunlimitedcheetahs@gmail.com>
Sent: Saturday, February 16, 2019 8:13 PM
To: Savannah Public Process
Subject: Re: Moeding Solar PV Facility: Comments on Basic Assessment Report - Review period ending soon

I have nothing to say to the some called moeding as it is look like the SME company they will not get any chances to get sup-contract especially in security department I'm was at the meetings but I get more questions than answer as there where no green lights on the questions I have asked so the moeng project it looks like they have already chosen the security company that is going to operated there it is just a corrupted project that I have not see since I get into business from 2015

Regarded

By

lebogang sebeela

On Feb 13, 2019 21:47, "Savannah Public Process" <publicprocess@savannahsa.com> wrote:

BASIC ASSESSMENT AND PUBLIC PARTICIPATION PROCESS FOR THE PROPOSED DEVELOPMENT OF THE MOEDING SOLAR PV FACILITY AND ASSOCIATED INFRASTRUCTURE NEAR VRYBURG, NORTH WEST PROVINCE

- DEA Reference No. 14/12/16/3/3/2/1091

BASIC ASSESSMENT REPORT FOR REVIEW AND COMMENT: Review and comment period ending Monday, 18 February 2019

Dear Stakeholder,

With reference to the attached notification letter sent per email dated Wednesday, 16 January 2019, this email serves as a reminder that the Basic Assessment Report (BAR) comment period ends on **Monday, 18 February 2019**.

You are kindly requested to submit your written comment before or on **Monday, 18 February 2019**, by close of business, if not yet submitted.

We would like to thank you for your participation in this BA process to date.

Kind regards

Nicolene Venter

Public Participation and Social Consultant | Savannah Environmental (Pty) Ltd
Tel: +27 (0)11 656 3237 | Fax: +27 (0)86 684 0547

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Moeding Soral PV: Request for Release Code for access to Basic Assessment Report Search

Forward

Assigned to: Savannah Public Process	Date Sent: 18/01/2019 12:09
Teams: Global	Contacts: Lesley L Tsolo
From: Savannah Public Process <publicprocess@savannahsa.com>	
To: Lesley L Tsolo <mmesa6361@gmail.com>	
Cc:	
Bcc:	
Subject: Moeding Soral PV: Request for Release Code for access to Basic Assessment Report	
<p>Body: Dear Lesley,</p> <p>Please find herewith the requested Release Code for access to download the Moeding Solar PV Basic Assessment Report on Savannah Environmental's website.</p> <p>Release Code: zxDVG39X</p> <p>Nicolene Venter Public Participation and Social Consultant Savannah Environmental (Pty) Ltd Tel: +27 (0)11 656 3237 Fax: +27 (0)86 684 0547</p> <p><i>SAWEA Award for Leading Environmental Consultant for Wind Projects in 2013 & 2015</i></p> <p><input type="checkbox"/> Show Plain Text</p>	
Attachments:	

Activities

(0 - 0 of 0)				
Subject	Status	Contact	Due Date	Assigned User
No Data				

Attachments

(0 - 0 of 0)		
Subject	Contact	Last Modified

Search

Create <input type="text"/>			(0 - 0 of 0)
Account Name	Town/City	Phone	
No Data			

Contacts

Create <input type="text"/>			(1 - 1 of 1)
Name	Organisation	Email	
Lesley L Tsolo	OSAA Engineering (Pty) Ltd	mmesa6361@gmail.com	edit <input type="text"/>

Email Stakeholders

			(1 - 1 of 1)
Name	Organisation	Email	
Lesley L Tsolo	OSAA Engineering (Pty) Ltd	mmesa6361@gmail.com	edit <input type="text"/>

Users

Select <input type="text"/>				(0 - 0 of 0)
Name	User Name	Email	Phone	
No Data				

Projects

Create <input type="text"/>				(0 - 0 of 0)
Name	Assigned To	Start Date:	End Date:	
No Data				

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and
STAKEHOLDERS

DEPARTMENT OF ENVIRONMENTAL AFFAIRS



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

Reference: Moeding PV facility & grid connection

Enquiries: Portia Makitla

Telephone: 012-399 9411 E-mail: pmakitla@environment.gov.za

Rozanne Eis
Savannah Environmental
P O Box 148
SUNNINGHILL
2157

Telephone Number: +27 (11) 656 3237
Email Address: publicprocess@savannahsa.com

PER E-MAIL

Dear Sir/Madam

COMMENTS ON THE DRAFT BASIC IMPACT ASSESSMENT REPORT FOR THE THE PROPOSED MOEDING SOLAR PV FACILITY AND GRID CONNECTION, NORTH WEST PROVINCE

The Directorate: Biodiversity Conservation has reviewed and evaluated the aforementioned report including its specialist's studies and the following recommendations must be implemented during the final basic assessment phase:

- A final walk through with an ecologist (search & rescue) must be conducted once final pole positions are in place, to ensure that all mitigation measures have been adequately addressed;
- *Acacia erioloba* tree is protected in terms of National Forests Act and was found to occur on site, therefore a permit to disturb, remove or relocate this species must be obtained from relevant authorities;
- All species listed in terms of TOPs and Red Data list must not be disturbed or removed without a permit from relevant authorities;
- Vegetation clearing prior and during construction must be limited to the footprint of the proposed development,
- Anti-collision devices such as bird flappers must be installed on all high risk sections of the powerline to forewarn birds of the risk,
- All disturbed and cleared areas must be re-vegetated with indigenous perennial shrubs and grasses from the local area; and
- Concurrent rehabilitation and alien vegetation control program within all sensitive areas must be implemented.

The overall biodiversity objective is to minimise loss to biodiversity as possible. In order to achieve this objective the above mentioned recommendations must be adhered to.

Yours faithfully



Mr Stanley Tshitwamulomoni
Acting Director: Biodiversity Conservation
Department of Environmental Affairs

Date: 30/01/19



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: 14/12/16/3/3/1/1987

Enquiries: Mr Herman Alberts

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

Ms Jo-Anne Thomas
Savannah Environmental (Pty) Ltd
PO Box 148
SUNNINGHILL
2157

Tel: (011) 656 3237
E-Mail: joanne@savannahsa.com

PER MAIL / E-MAIL

Dear Ms Thomas

COMMENTS ON THE DRAFT BASIC ASSESSMENT REPORT FOR THE PROPOSED CONSTRUCTION OF THE MOEDING SOLAR PV FACILITY IN THE NORTH WEST PROVINCE

The application for Environmental Authorisation and Draft Basic Assessment Report (BAR) dated January 2019 and received by the Department on 15 January 2019, refer.

This Department has the following comments on the abovementioned application:

- i. Please ensure that all relevant listed activities are applied for, are specific and that it can be linked to the development activity or infrastructure as described in the project description.
- ii. If the activities applied for in the application form differ from those mentioned in the final BAR, an amended application form must be submitted. Please note that the Department's application form template has been amended and can be downloaded from the following link <https://www.environment.gov.za/documents/forms>.
- iii. Please ensure that all issues raised and comments received during the circulation of the draft BAR from registered I&APs and organs of state which have jurisdiction in respect of the proposed activity are adequately addressed in the final BAR.
- iv. Proof of correspondence with the various stakeholders must be included in the final BAR. Should you be unable to obtain comments, proof should be submitted to the Department of the attempts that were made to obtain comments.
- v. The Public Participation Process (PPP) must be conducted in terms of Regulation 39, 40, 41, 42, 43 and 44 of the Environmental Impact Assessment (EIA) Regulations, 2014 (as amended).
- vi. The final BAR must contain a comment and response report with all the comments provided during the PPP and the corresponding responses from the Environmental Assessment Practitioner (EAP) and Applicant to those comments.
- vii. Please provide a full description of any identified alternatives for the proposed activity that are feasible and reasonable, including the advantages and disadvantages that the proposed activity or alternatives will have on the environment and on the community that may be affected by the activity as per Appendix 1 (2) (e) and 3 (1) (h) (i) of the EIA Regulations, 2014 (as amended).

- viii. Alternatively, you should submit written proof of an investigation and motivation if no reasonable or feasible alternatives exist in terms of Appendix 1 of the EIA Regulations, 2014 (as amended).
- ix. In accordance with Appendix 1 (3) (1) (a) of the EIA Regulations, 2014 (as amended), the following details must be submitted:
 - *the EAP who prepared the report; and*
 - *the expertise of the EAP to carry out EIA procedures;*
- x. The final BAR must provide the four corner coordinate points for the proposed development site (note that if the site has numerous bend points, at each bend point coordinates must be provided) as well as the start, middle and end point of all linear activities.
- xi. The final BAR must provide the technical details for the proposed facility in a table format as well as their description and/or dimensions.
- xii. If there are similar applications in the area, all the specialist assessments must include a cumulative environmental impact assessment for all identified and assessed impacts. The cumulative impact assessment must indicate the following:
 - Identified cumulative impacts must be clearly defined, and where possible the size of the identified impact must be quantified and indicated, i.e. hectares of cumulatively transformed land.
 - Detailed process flow and proof must be provided, to indicate how the specialist's recommendations, mitigation measures and conclusions from the various similar developments in the area were taken into consideration in the assessment of cumulative impacts and when the conclusion and mitigation measures were drafted for this project.
 - The cumulative impacts significance rating must also inform the need and desirability of the proposed development.
 - A cumulative impact environmental statement on whether the proposed development must proceed.
- xiii. The final BAR must provide the following:
 - Clear indication of the envisioned area for the proposed PV facility
 - Clear description of all associated infrastructure. This description must include, but not limited to the following:
 - Power lines;
 - Internal roads infrastructure; and;
 - All supporting onsite infrastructure such as laydown area, guard house and control room etc.
- xiv. You are further reminded that the final BAR to be submitted to this Department must comply with all the requirements in terms of the scope of assessment and content of BARs in accordance with Appendix 1 and Regulation 19(1) of the EIA Regulations, 2014 (as amended).
- xv. An environmental sensitivity map indicating environmental sensitive areas and features identified during the assessment process must be included in the final BAR.
- xvi. A map combining the final layout map superimposed (overlain) on the environmental sensitivity map.
- xvii. A shapefile of the preferred development layout/footprint must be submitted to this Department. The shapefile must be created using the Hartebeesthoek 94 Datum and the data should be in Decimal Degree Format using the WGS 84 Spheroid. The shapefile must include at a minimum the following extensions i.e. .shp; .shx; .dbf; .prj; and, .xml (Metadata file). If specific symbology was assigned to the file, then the .avl and/or the .lyr file must also be included. Data must be mapped at a scale of 1:10 000 (please specify if an alternative scale was used). The metadata must include a description of the base data used for digitizing. The shapefile must be submitted in a zip file using the EIA application reference number as the title. The shape file must be submitted to:

Postal Address:

Department of Environmental Affairs
 Private Bag X447
 Pretoria
 0001

Physical address:

Department of Environmental Affairs
Environment House
473 Steve Biko,
Arcadia,
Pretoria

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

The Environmental Management Programme (EMPr) to be submitted as part of the final BAR must comply with all the requirements in terms of the content of EMPrs in accordance with Appendix 4 of the EIA Regulations, 2014 (as amended).

The EMPr must also include, but is not limited to the following:

- xviii. All recommendations and mitigation measures recorded in the BAR and the specialist studies conducted.
- xix. The final site layout map.
- xx. An environmental sensitivity map indicating environmental sensitive areas and features identified during the EIA process.
- xxi. A map combining the final layout map superimposed (overlain) on the environmental sensitivity map.
- xxii. An alien invasive management plan to be implemented during construction and operation of the facility. The plan must include mitigation measures to reduce the invasion of alien species and ensure that the continuous monitoring and removal of alien species is undertaken.
- xxiii. A plant rescue and protection plan which allows for the maximum transplant of conservation important species from areas to be transformed. This plan must be compiled by a vegetation specialist familiar with the site and be implemented prior to commencement of the construction phase.
- xxiv. A re-vegetation and habitat rehabilitation plan to be implemented during the construction and operation of the facility. Restoration must be undertaken as soon as possible after completion of construction activities to reduce the amount of habitat converted at any one time and to speed up the recovery to natural habitats.
- xxv. A traffic management plan for the site access roads. This plan must include measures to minimize impacts on local commuters.
- xxvi. A transportation plan for the transport of components, main assembly cranes and other large pieces of equipment.
- xxvii. An erosion management plan for monitoring and rehabilitating erosion events associated with the facility. Appropriate erosion mitigation must form part of this plan to prevent and reduce the risk of any potential erosion.
- xxviii. A fire management plan to be implemented during the construction and operation of the facility.
- xxix. An effective monitoring system to detect any leakage or spillage of all hazardous substances during their transportation, handling, use and storage. This must include precautionary measures to limit the possibility of oil and other toxic liquids from entering the soil or storm water systems.
- xxx. Measures to protect hydrological features such as streams, rivers, pans, wetlands, dams and their catchments, and other environmental sensitive areas from construction impacts including the direct or indirect spillage of pollutants.

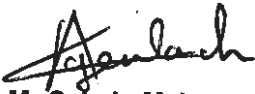
The EAP must provide detailed and written motivation if any of the above requirements are not required by the proposed development and not included in the EMPr.

Furthermore, it must be reiterated that, should an application for Environmental Authorisation be subject to the provisions of Chapter II, Section 38 of the National Heritage Resources Act, Act 25 of 1999, then this Department will not be able to make nor issue a decision in terms of your application for Environmental Authorisation pending a letter from the pertinent heritage authority categorically stating that the application fulfils the requirements of the relevant heritage resources authority as described in Chapter II, Section 38(8) of the National Heritage Resources Act, Act 25 of 1999. Comments from SAHRA and/or the provincial department of heritage must be provided in the BAR.

You are requested to submit two (2) electronic copies (1 CD and 1 USB) and two (2) hard copies of the BAR to the Department as per Regulation 19(1) of the EIA Regulations, 2014 (as amended). You are also reminded of Section 24F of the National Environmental Management Act, Act No 107 of 1998, as amended, which stipulates that no activity may commence prior to an Environmental Authorisation being granted by the Department.

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

Yours faithfully



Mr Sabelo Malaza

Chief Director: Integrated Environmental Authorisations

Department of Environmental Affairs

Letter signed by: Mr Coenrad Agenbach

Designation: Deputy Director: Strategic Infrastructure Developments

Date: 14/02/2019

CC:	Mr Mike Levington	Moeding Solar (Pty) Ltd	E-mail: Mike.levington@kabisolar.co.za
	Mr Dr Poncho Mokaila	NW DREAD	E-mail: pmokaila@nwpg.gov.za
	Mr Tshepo Bloom	Naledi Local Municipality	E-mail: strydomr@naledi.local.gov.za

EIA INFORMATION REQUIRED FOR PHOTOVOLTAIC SOLAR POWER (PV) ENERGY FACILITIES

1. General site information

The following general site information is required:

- Descriptions of all affected farm portions
- 21 digit Surveyor General codes of all affected farm portions
- Copies of deeds of all affected farm portions
- Photos of areas that give a visual perspective of all parts of the site
- Photographs from sensitive visual receptors (tourism routes, tourism facilities, etc.)
- PV plant design specifications including:
 - Type of technology
 - Structure height
 - Surface area to be covered (including associated infrastructure such as roads)
 - Structure orientation
 - Laydown area dimensions (construction period and thereafter)
 - Generation capacity
- Generation capacity of the facility as a whole at delivery points

This information must be indicated on the first page of any BAR, Scoping or EIA document. It is also advised that it be double checked as there are too many mistakes in the applications that have been received that take too much time from authorities to correct.

2. Sample of technical details for the proposed facility

Component	Description / dimensions
Height of PV panels	
Area of PV	
Number of inverters required	
Area occupied by inverter / transformer stations / substations	
Capacity of on-site substation	
Area occupied by both permanent and construction laydown areas	
Area occupied by buildings	
Length of internal roads	
Width of internal roads	
Proximity to grid connection	
Height of fencing	
Type of fencing	

3. Site maps and GIS information

Site maps and GIS information should include at least the following:

- All maps/information layers must also be provided in ESRI Shapefile format
- All affected farm portions must be indicated
- The exact site of the application must be indicated (the areas that will be occupied by the application)
- A status quo map/layer must be provided that includes the following:
 - Current use of land on the site including:
 - Buildings and other structures

- Agricultural fields
- Grazing areas
- Natural vegetation areas (natural veld not cultivated for the preceding 10 years) with an indication of the vegetation quality as well as fine scale mapping in respect of Critical Biodiversity Areas and Ecological Support Areas
- Critically endangered and endangered vegetation areas that occur on the site
- Bare areas which may be susceptible to soil erosion
- Cultural historical sites and elements
- Rivers, streams and water courses
- Ridgelines and 20m continuous contours with height references in the GIS database
- Fountains, boreholes, dams (in-stream as well as off-stream) and reservoirs
- High potential agricultural areas as defined by the Department of Agriculture, Forestry and Fisheries
- Buffer zones (also where it is dictated by elements outside the site):
 - 500m from any irrigated agricultural land
 - 1km from residential areas
- Indicate isolated residential, tourism facilities on or within 1km of the site
- A slope analysis map/layer that include the following slope ranges:
 - Less than 8% slope (preferred areas for facility and infrastructure)
 - between 8% and 12% slope (potentially sensitive to facility and infrastructure)
 - between 12% and 14% slope (highly sensitive to facility and infrastructure)
 - steeper than 18 % slope (unsuitable for facility and infrastructure)
- A site development proposal map(s)/layer(s) that indicate:
 - Foundation footprint
 - Permanent laydown area footprint
 - Construction period laydown footprint
 - Internal roads indicating width (construction period width and operation period width) and with numbered sections between the other site elements which they serve (to make commenting on sections possible)
 - River, stream and water crossing of roads and cables indicating the type of bridging structures that will be used
 - Substation(s) and/or transformer(s) sites including their entire footprint.
 - Cable routes and trench dimensions (where they are not along internal roads)
 - Connection routes to the distribution/transmission network (the connection must form part of the EIA even if the construction and maintenance thereof will be done by another entity such as ESKOM)
 - Cut and fill areas of power tower and heliostats sites along roads and at substation/transformer sites indicating the expected volume of each cut and fill
 - Borrow pits
 - Spoil heaps (temporary for topsoil and subsoil and permanently for excess material)
 - Buildings including accommodation

With the above information authorities will be able to assess the strategic and site impacts of the application.

4. Regional map and GIS information

The regional map and GIS information should include at least the following:

- All maps/information layers must also be provided in ESRI Shapefile format
- The map/layer must cover an area of 20km around the site
- Indicate the following:

- roads including their types (tarred or gravel) and category (national, provincial, local or private)
- Railway lines and stations
- Industrial areas
- Harbours and airports
- Electricity transmission and distribution lines and substations
- Pipelines
- Waters sources to be utilised during the construction and operational phases
- A visibility assessment of the areas from where the facility will be visible
- Critical Biodiversity Areas and Ecological Support Areas
- Critically Endangered and Endangered vegetation areas
- Agricultural fields
- Irrigated areas
- An indication of new road or changes and upgrades that must be done to existing roads in order to get equipment onto the site including cut and fill areas and crossings of rivers and streams

5. Important stakeholders

Amongst other important stakeholders, comments from the National Department of Agriculture, Forestry and Fisheries must be obtained and submitted to the Department. Any application, documentation, notification etc. should be forwarded to the following officials:

Ms Mashudu Marubini
 Delegate of the Minister (Act 70 of 1970)
 E-mail: MashuduMa@daff.gov.za
 Tel 012- 319 7619

Ms Thoko Buthelezi
 AgriLand Liaison office
 E-mail: ThokoB@daff.gov.za
 Tel 012- 319 7634

All hardcopy applications / documentation should be forwarded to the following address:

Physical address:
 Delpen Building
 Cnr Annie Botha and Union Street
 Office 270
 Attention: Delegate of the Minister Act 70 of 1970

Postal Address:
 Department of Agriculture, Forestry and Fisheries
 Private Bag X120
 Pretoria
 0001
 Attention: Delegate of the Minister Act 70 of 1970

In addition, comments must be requested from Eskom regarding grid connectivity and capacity. Request for comment must be submitted to:

Mr John Geeringh
 Eskom Transmission

Megawatt Park D1Y38
PO Box 1091
JOHANNESBURG
2000

Tel: 011 516 7233
Fax: 086 661 4064
John.geeringh@eskom.co.za

B. AGRICULTURE STUDY REQUIREMENTS

- Detailed soil assessment of the site in question, incorporating a radius of 50 m surrounding the site, on a scale of 1:10 000 or finer. The soil assessment should include the following:
 - Identification of the soil forms present on site
 - The size of the area where a particular soil form is found
 - GPS readings of soil survey points
 - The depth of the soil at each survey point
 - Soil colour
 - Limiting factors
 - Clay content
 - Slope of the site
 - A detailed map indicating the locality of the soil forms within the specified area,
 - Size of the site
- Exact locality of the site
- Current activities on the site, developments, buildings
- Surrounding developments / land uses and activities in a radius of 500 m of the site
- Access routes and the condition thereof
- Current status of the land (including erosion, vegetation and a degradation assessment)
- Possible land use options for the site
- Water availability, source and quality (if available)
- Detailed descriptions of why agriculture should or should not be the land use of choice
- Impact of the change of land use on the surrounding area
- A shape file containing the soil forms and relevant attribute data as depicted on the map.

Annexure 1

Format for Comments and Response Trail Report:

Date of comment, format of comment name of organisation/I&AP	Comment	Response from EAP/Applicant/Specialist
27/01/2016 Email Department of Environmental Affairs: Strategic Infrastructure Development (John Soap)	Please record C&R trail report in this format Please update the contact details of the provincial environmental authority	EAP: (Noted) The C&R trail report has been updated into the desired format, see Appendix K EAP: Details of provincial authority have been updated, see page 16 of the Application form

DEPARTMENT OF PUBLIC WORKS AND ROADS

publicprocess

From: publicprocess <publicprocess@savannahsa.com>
Sent: Friday, January 25, 2019 3:31 PM
To: 'Keoagile Sitase'
Subject: Moeding Solar PV Facility: Requested information (Dpwr)
Attachments: Moeding PV _Development Area Map.jpg; Moeding PV _Preferred Layout Map.jpg; Moeding Solar PV Planned Layout.kmz

Dear Mr Sitase,

Please find herewith attached the requested information.

We are looking forward to receiving your Departments comments on the Basic Assessment Report.

Kind regards,

Nicolene Venter

Public Participation & Social Consultant | Savannah Environmental (Pty) Ltd
Tel: +27 (0)11 656 3237 | Fax: +27 (0)86 684 0547

[SAWEA Award for Leading Environmental Consultant for Wind Projects in 2013 & 2015](#)

From: Keoagile Sitase <Sitase@nwpg.gov.za>
Sent: Friday, January 25, 2019 2:02 PM
To: publicprocess@savannahsa.com
Cc: info@savannahsa.co.za
Subject: Review & Comment: Basic Assessment Report for Moeding Solar PV Facility

Good morning, **Nicolene Venter/ Rozanne Els.**

The request for comments on the above-mentioned "**Basic Assessment Report for Moeding Solar PV Facility**" refers.

Could you please provide me with the "**kmz file**" for the **Moeding Solar PV Facility** in order for the **Provincial Department of Public Works and Roads (Dpwr)** to provide with proper comments.

Regards

K A **Sitase**
Department of Public Works & Roads
Private Bag X 2080
Mmabatho
2735

Office 231 - Second Floor
New Building @ Old parliament Premises
Dr **Modiri Molema** Road
Mmabatho

Tel : 018 - 388 1398
Fax : 086 646 1255
Cell : 082 955 2585
Email: Sitase@nwpg.gov.za

Disclaimer

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publicprocess

From: publicprocess <publicprocess@savannahsa.com>
Sent: Friday, February 8, 2019 2:07 PM
To: 'Keoagile Sitase'
Subject: RE: Review & Comment: Basic Assessment Report for Moeding Solar PV Facility

Dear Mr/Ms Sitase,

We herewith acknowledge receipt of your Department's comments on the Basic Assessment Report for the Moeding Solar PV project.

Kind regards,

Nicolene Venter

Public Participation & Social Consultant | Savannah Environmental (Pty) Ltd
Tel: +27 (0)11 656 3237 | Fax: +27 (0)86 684 0547

[SAWEA Award for Leading Environmental Consultant for Wind Projects in 2013 & 2015](#)

From: Keoagile Sitase <Sitase@nwpg.gov.za>
Sent: Friday, February 8, 2019 10:58 AM
To: publicprocess@savannahsa.com
Cc: info@savannahsa.co.za
Subject: Re: Review & Comment: Basic Assessment Report for Moeding Solar PV Facility

Good morning, **Ms Nicolene Venter/ Rozanne Els.**

The request for comments on the above-mentioned "**Basic Assessment Report for Moeding Solar PV Facility**" refers.

Herewith find the attached "**R22-11-1-1-3-2_Moeding Solar PV Facility.pdf**".

Regards

K A Sitase
Department of Public Works & Roads
Private Bag X 2080
Mmabatho
2735

Office 231 - Second Floor
New Building @ Old parliament Premises
Dr Modiri Molema Road
Mmabatho

Tel : 018 - 388 1398
Fax : 086 646 1255
Cell : 082 955 2585
Email: Sitase@nwpg.gov.za

>>> Keoagile Sitase 2019-01-25 02:02 PM >>>

Good morning, **Nicolene Venter/ Rozanne Els.**

The request for comments on the above-mentioned "**Basic Assessment Report for Moeding Solar PV Facility**" refers.

Could you please provide me with the "**kmz file**" for the **Moeding Solar PV Facility** in order for the **Provincial Department of Public Works and Roads (Dpwr)** to provide with proper comments.

Regards

K A **Sitase**

Department of Public Works & Roads

Private Bag X 2080

Mmabatho

2735

Office 231 - Second Floor

New Building @ Old parliament Premises

Dr **Modiri Molema** Road

Mmabatho

Tel : 018 - 388 1398

Fax : 086 646 1255

Cell : 082 955 2585

Email: Sitase@nwpg.gov.za

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dpwr

Department:
Public Works and Roads
North West Provincial Government
Republic of South Africa

Modiri Molema Road
Provincial Head Office
Mmabatho, 2735
Private Bag X 2080, Mmabatho, 2735
Republic of South Africa
Tel. : +27 (18) 388 1378/ 2045
Fax : +27 (18) 388 1395
Website: www.nwpg.gov.za/public_works

CHIEF DIRECTORATE: TRANSPORT INFRASTRUCTURE

Ref: R22_11-1-1-3-2_Moeding Solar PVC Facility

Tel : +27 (18) 388-1398

Enq: K A Sitase

DIRECTORATE: TRANSPORTATION ENGINEERING

Fax : +27(18) 388-1980/4

E-mail : Sitase@nwpg.gov.za

SAVANANAH ENVIRONMENTAL (PTY) LTD

First Floor, Block 2

5 Woodlands Drive Office Park

Cnr Woodlands Drive & Western Service Road

Woodmead

2191

For attention: **Nicolene Venter**

**COMMENTS/ CONSENT IN TERMS OF ACT NO 21 OF 1940 AND ROADS ORDINANCE NO 22 OF 1957 AS AMENDED:
NOTICE OF BASIC ASSESSMENT REPORT FOR REVIEW AND PARTICIPATION PROCESS FOR DEVELOPMENT OF THE
MOEIDING SOLAR PV FACILITY NEAR VRYBURG, NORTH WEST PROVINCE**

AFFECTED PROVINCIAL ROAD (S)	: None	ROAD RESERVE WIDTH: N/A
MUNICIPALITY	: Naledi Local Municipality	
TOWN/ TOWNSHIP/ FARM	: RE of Ptn 38 & 4 of the farm Waterlooand 730 IN & RE of Ptn 1 of the farm Champions 731	
CLIENT(S)/ APPLICANT	: Moeding Solar PV (Pty) Ltd	

Your notification and request for comments for *Environmental Impact Assessment and Public Participation Process* for **Moeding Solar PV Facility** dated **16 January 2019** has reference. This comment/ consent is issued in terms of the **Advertising on Roads and Ribbon Development Act No 21 of 1940** and **Roads Ordinance No 22 of 1957** as amended.

There is no objection to the proposed development, since none of the existing proclaimed and or planned provincial roads are affected. The affected Road **P4/2 (N18)** is a national road, you are therefore advised to contact **SANRAL**.

Yours faithfully


DIRECTOR: PLANNING AND DESIGN


DATE

Attached : Locality Map_Vryburg_Moeding Solar PVC Facility
: Google_Moeding Solar PVC Facility

cc. Mr O W Mooki, Tel. No.018-3924000, Private Bag X85, Mmabatho, 2735

Locality Map_Vryburg_Moeding Solar PVC Facility

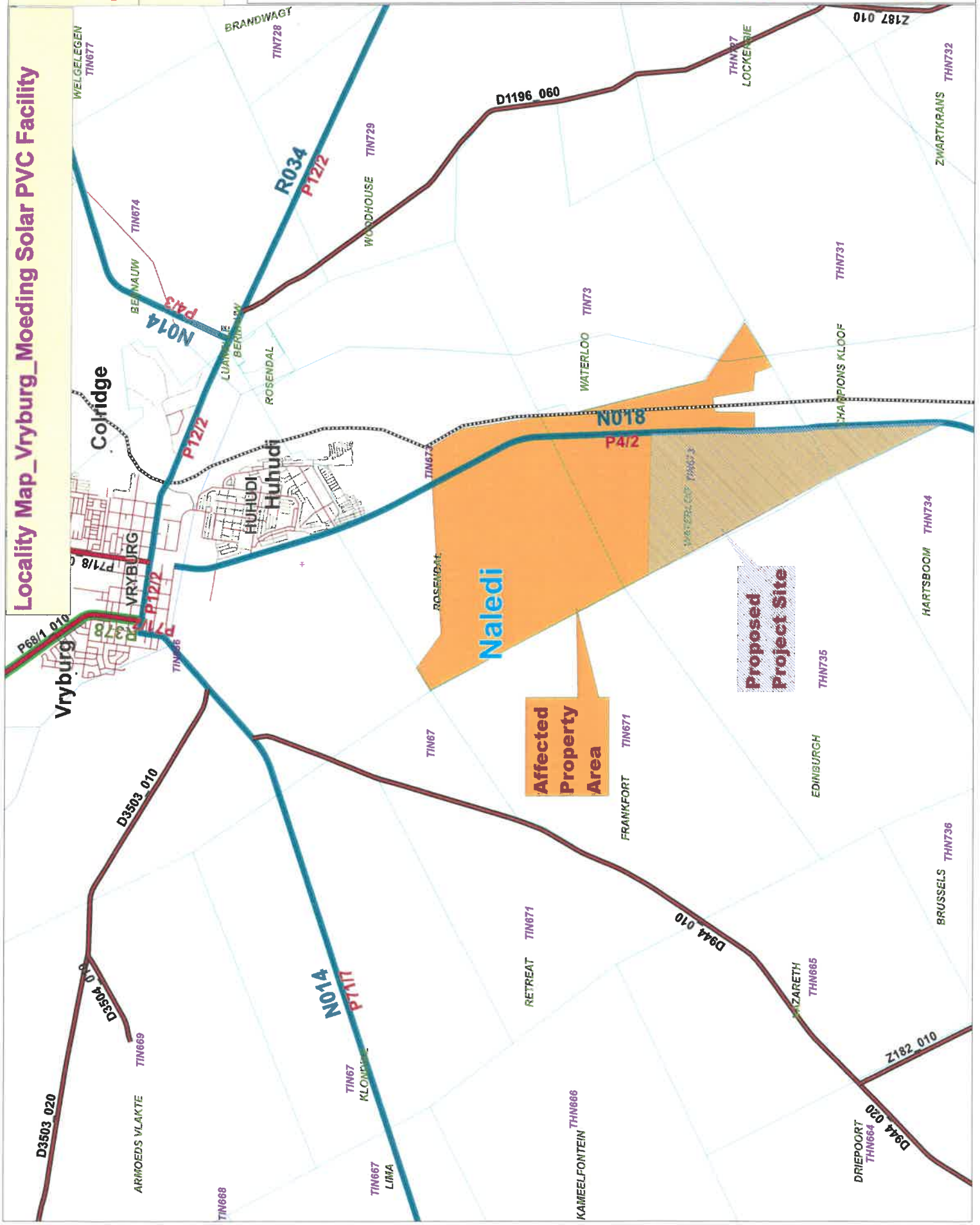


NORTH WEST PROVINCE
ROAD ASSET MANAGEMENT SYSTEM (RAMS)



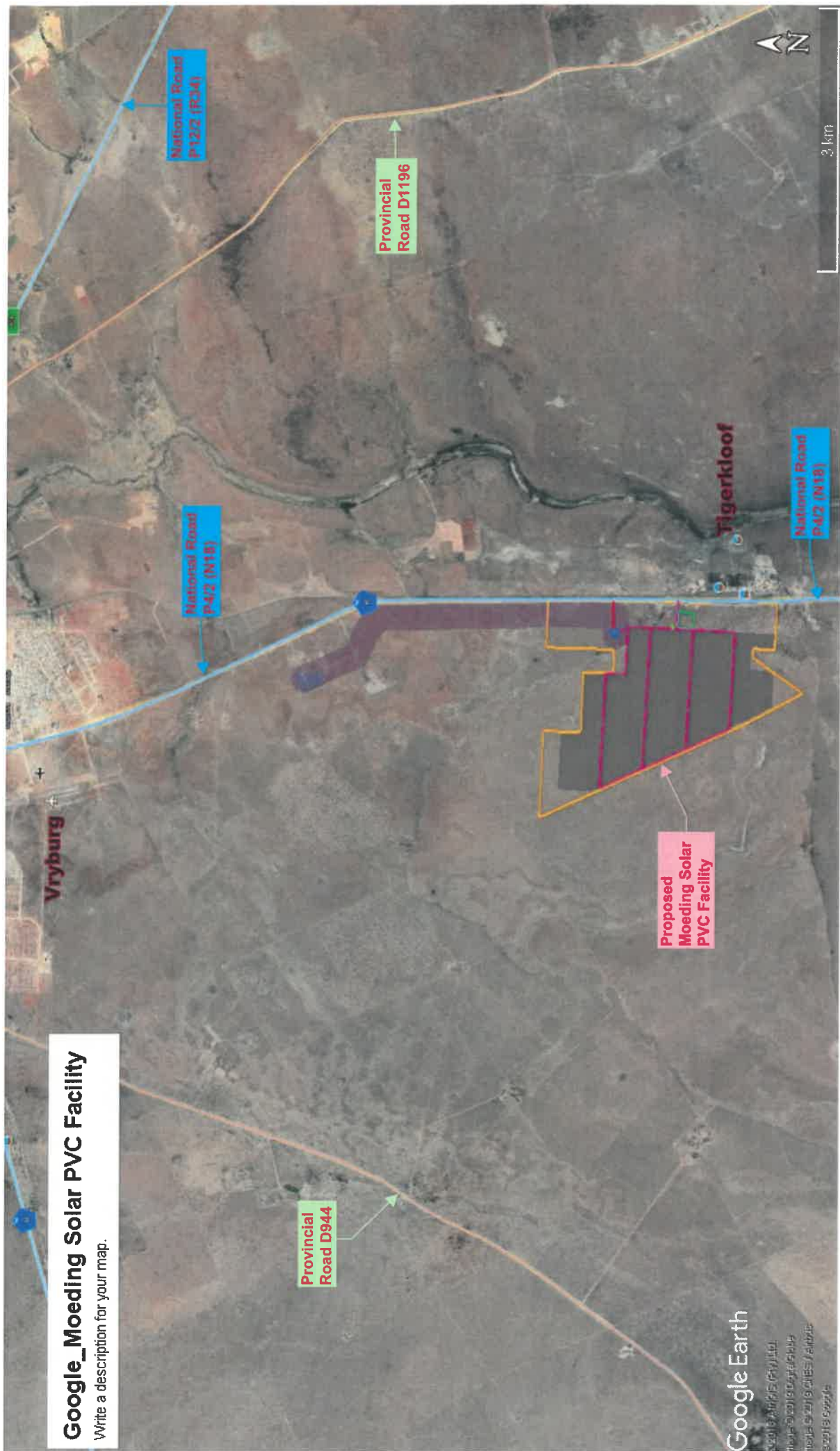
Legend

- + Airfields
- Roads
- Destinations
- Place names
- Major Towns
- Roads**
- Road Type**
- Dual Carriageways
- Paved Roads
- Gravel Roads
- NationalRoads2014
- NationalRoads2014
- Dr RSM DM Roads**
- <all other values>
- SURF_TYPE**
- FLEX
- BLOC
- EARTH
- GRAY
- Spoonmet
- RegionalSecondaryRoutes
- RegionalPrimaryRoutes
- NW_CADPARMS_VG894_201305
- Parent_farm
- Rivers_Permanent
- Rivers_NonPermanent
- Villages
- LocalMunicipalities
- Dams
- SAProvinces_Neighbours



Google_Moeding Solar PVC Facility

Write a description for your map.



DEPARTMENT OF WATER AND SANITATION



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

Private Bag X 357, HARTBEESSPOORT, 0216. Old Rustenburg Road, 0216.
Tel: +27 12 253 1026 www.dws.gov.za

Enquiries: Cornia Theunissen

Tel: 012 253 1026

Ref.: Northern Cape – Kimberley Office

15 January 2019

Savannah Environmental (Pty) Ltd
First Floor, Block 2
5 Woodlands Drive, Office Park
Cnr Woodlands Drive & Western Service Road
Woodmead
2191

Attention: Nicolene Venter

BAR - Moeding Solar (Pty) Ltd - proposed development of PV Facility - Vryburg (Dr Ruth Segomotsi Mompoti District Municipality - Naledi LM) - Ward 5, 9, ptn 1, Champions Kloof 731, ptn 4, re/ext ptn 3, Waterloo 730

This office acknowledges the receipt of your documents regards to the above-mentioned on 15 January 2019 (**Task T6/2019**). The office responsible for this area is the **Kimberley Office: Mr Abe Abrahams** can be contacted at (053 830-8800).

Comments would be forwarded in due time.

Thank you

Ms C THEUNISSEN
CHIEF ADMIN CLERK



NATIONAL DEVELOPMENT PLAN
Our Future - make it work

publicprocess

From: Franks Lindiwe <FranksL@dws.gov.za>
Sent: Thursday, February 14, 2019 7:44 AM
To: Mahunonyane Moses (KBY)
Cc: Shibambu Steven (UPN); Mokhoantle Lerato (KBY); publicprocess@savannahsa.com
Subject: FW: Moeding Solar PV Facility: Comments on Basic Assessment Report - Review period ending soon
Attachments: BAR Notification-DWS NC ABRAHAMS Abe.pdf; BAR POD - ABRAHAMS Abe.pdf

Dear Mr Mahunonyane

Kindly note for your attention.

Regards

Lindiwe Franks
Office of the Provincial Head: Northern Cape Region
Tel: 053 830 8804/00
Fax to email: 086 547 2792

28 Central Road
Beaconsfield
Kimberley
8300



From: Savannah Public Process [mailto:publicprocess@savannahsa.com]
Sent: Wednesday, February 13, 2019 8:14 PM
To: Franks Lindiwe
Cc: nicolene@savannahsa.com
Subject: Moeding Solar PV Facility: Comments on Basic Assessment Report - Review period ending soon

BASIC ASSESSMENT AND PUBLIC PARTICIPATION PROCESS FOR THE PROPOSED DEVELOPMENT OF THE MOEDING SOLAR PV FACILITY AND ASSOCIATED INFRASTRUCTURE NEAR VRYBURG, NORTH WEST PROVINCE

- DEA Reference No. 14/12/16/3/3/1/1987

BASIC ASSESSMENT REPORT FOR REVIEW AND COMMENT: Review and comment period ending Monday, 18 February 2019

Dear Mr Abrahams,

This e-mail serves as a friendly reminder that the review and comment period ends on **Monday, 18 February 2019**.

According to our records, we have not received written comments from the Department of Water and Sanitation: Northern Cape Province to date on the Basic Assessment Report (BAR).

Attached, for easy reference, please find attached the letter that was included in the envelope and proof of delivery to your Department.

We are looking forward to your Department's comments.

Kind regards,

Nicolene Venter

Public Participation and Social Consultant | Savannah Environmental (Pty) Ltd
Tel: +27 (0)11 656 3237 | Fax: +27 (0)86 684 0547

SAWEA Award for Leading Environmental Consultant for Wind Projects in 2013 & 2015

DISCLAIMER: This message and any attachments are confidential and intended solely for the addressee. If you have received this message in error, please notify the system manager/sender. Any unauthorized use, alteration or dissemination is prohibited. The Department of Water and Sanitation further accepts no liability whatsoever for any loss, whether it be direct, indirect or consequential, arising from this e-mail, nor for any consequence of its use or storage.

ESKOM HOLDINGS SOC LTD

Eskom requirements for work in or near Eskom servitudes.


1. Eskom's rights and services must be acknowledged and respected at all times.
2. Eskom shall at all times retain unobstructed access to and egress from its servitudes.
3. Eskom's consent does not relieve the developer from obtaining the necessary statutory, land owner or municipal approvals.
4. Any cost incurred by Eskom as a result of non-compliance to any relevant environmental legislation will be charged to the developer.
5. If Eskom has to incur any expenditure in order to comply with statutory clearances or other regulations as a result of the developer's activities or because of the presence of his equipment or installation within the servitude restriction area, the developer shall pay such costs to Eskom on demand.
6. The use of explosives of any type within 500 metres of Eskom's services shall only occur with Eskom's previous written permission. If such permission is granted the developer must give at least fourteen working days prior notice of the commencement of blasting. This allows time for arrangements to be made for supervision and/or precautionary instructions to be issued in terms of the blasting process. It is advisable to make application separately in this regard.
7. Changes in ground level may not infringe statutory ground to conductor clearances or statutory visibility clearances. After any changes in ground level, the surface shall be rehabilitated and stabilised so as to prevent erosion. The measures taken shall be to Eskom's satisfaction.
8. Eskom shall not be liable for the death of or injury to any person or for the loss of or damage to any property whether as a result of the encroachment or of the use of the servitude area by the developer, his/her agent, contractors, employees, successors in title, and assignees. The developer indemnifies Eskom against loss, claims or damages including claims pertaining to consequential damages by third parties and whether as a result of damage to or interruption of or interference with Eskom's services or apparatus or otherwise. Eskom will not be held responsible for damage to the developer's equipment.
9. No mechanical equipment, including mechanical excavators or high lifting machinery, shall be used in the vicinity of Eskom's apparatus and/or services, without prior written permission having been granted by Eskom. If such permission is granted the developer must give at least seven working days' notice prior to the commencement of work. This allows time for arrangements to be made for supervision and/or precautionary instructions to be issued by the relevant Eskom Manager

Note: Where and electrical outage is required, at least fourteen work days are required to arrange it.

10. Eskom's rights and duties in the servitude shall be accepted as having prior right at all times and shall not be obstructed or interfered with.
11. Under no circumstances shall rubble, earth or other material be dumped within the servitude restriction area. The developer shall maintain the area concerned to Eskom's satisfaction. The developer shall be liable to Eskom for the cost of any remedial action which has to be carried out by Eskom.
12. The clearances between Eskom's live electrical equipment and the proposed construction work shall be observed as stipulated by *Regulation 15 of the Electrical Machinery Regulations of the Occupational Health and Safety Act, 1993 (Act 85 of 1993)*.
13. Equipment shall be regarded electrically live and therefore dangerous at all times.
14. In spite of the restrictions stipulated by Regulation 15 of the Electrical Machinery Regulations of the Occupational Health and Safety Act, 1993 (Act 85 of 1993), as an additional safety precaution, Eskom will not approve the erection of houses, or structures occupied or frequented by human beings, under the power lines or within the servitude restriction area.
15. Eskom may stipulate any additional requirements to highlight any possible exposure to Customers or Public to coming into contact or be exposed to any dangers of Eskom plant.
16. It is required of the developer to familiarise himself with all safety hazards related to Electrical plant.
17. Any third party servitudes encroaching on Eskom servitudes shall be registered against Eskom's title deed at the developer's own cost. If such a servitude is brought into being, its existence should be endorsed on the Eskom servitude deed concerned, while the third party's servitude deed must also include the rights of the affected Eskom servitude.

John Geeringh (Pr Sci Nat)

Senior Consultant Environmental Management
Eskom GC: Land Development

	SCOT	Technology
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Title: Renewable Energy Generation Plant Setbacks to Eskom Infrastructure

Unique Identifier: 240-65559775

Alternative Reference Number: N/A

Area of Applicability: Power Line Engineering




Documentation Type: Guideline

Revision: 1

Total Pages: 9

Next Review Date: N/A

Disclosure Classification: CONTROLLED DISCLOSURE

Compiled by	Approved by	Authorised by
		
J W Chetty Mechanical Engineer	B Ntshuntsha Chief Engineer (Lines)	R A Vajeth Snr Manager (Lines) and SCOT/SCI Chairperson
Date: 23/11/2018	Date: 24/11/2018	Date: 16/11/2018

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EXECUTIVE SUMMARY

In recent decades, the use of wind turbines, concentrated solar plants and photovoltaic plants have been on the increase as it serves as an abundant source of energy. This document specifies setbacks for wind turbines and the reasons for these setbacks from infrastructure as well as setbacks for concentrated solar plants and photovoltaic plants. Setbacks for wind turbines employed in other countries were compared and a general setback to be used by Eskom was suggested for use with wind turbines and other renewable energy generation plants.

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1. INTRODUCTION

During the last few decades, a large amount of wind turbines have been installed in wind farms to accommodate for the large demand of energy and depleting fossil fuels. Wind is one of the most abundant sources of renewable energy. Wind turbines harness the energy of this renewable resource for integration in electricity networks. The extraction of wind energy is its primary function and thus the aerodynamics of the wind turbine is important. There are many different types of wind turbines which will all exhibit different wind flow characteristics. The most common wind turbine used commercially is the Horizontal Axis Wind Turbine. Wind flow characteristics of this turbine are important to analyse as it may have an effect on surrounding infrastructure.

Wind turbines also cause large turbulence downwind that may affect existing infrastructure. Debris or parts of the turbine blade, in the case of a failure, may be tossed behind the turbine and may lead to damage of infrastructure in the wake path.

This document outlines the minimum distances that need to be introduced between a wind turbine and Eskom infrastructure to ensure that debris and / or turbulence would not negatively impact on the infrastructure.

Safety distances of wind turbines from other structures as implemented by other countries were also considered and the reasons for their selection were noted.

Concentrated solar plants and photovoltaic plants setbacks away from substations were also to be considered to prevent restricting possible power line access routes to the substation.

2. SUPPORTING CLAUSES

2.1 SCOPE

This document provides guidance on the safe distance that a wind turbine should be located from any Eskom power line or substation. The document specifies setback distances for transmission lines (220 kV to 765 kV), distribution lines (6.6 kV to 132 kV) and all Eskom substations. Setbacks for concentrated solar plants and photovoltaic plants are also specified away from substations.

2.1.1 Purpose

Setbacks for wind turbines and power lines / substations are required for various reasons. These include possible catastrophic failure of the turbine blade that may release fragments and which may be thrown onto nearby power lines that may result in damage with associated unplanned outages. Turbulence behind the turbine may affect helicopter flight during routine Eskom live line maintenance and

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inspections that may lead to safety risk of the aircraft / personnel. Concentrated solar plants and photovoltaic plants setback away from substations were required to prevent substations from being boxed in by these renewable generation plants limiting line route access to the substations.

2.1.2 Applicability

This document is applicable to the siting of all new and existing wind turbines, concentrated solar plants and photovoltaic plants near power lines and substations.

2.2 NORMATIVE/INFORMATIVE REFERENCES

2.2.1 Normative

1. <http://www.envir.ee/orb.aw/class=file/action=preview/id=1170403/Hiiumaa+turbulence+impact+EMD.pdf>.
2. <http://www.energy.ca.gov/2005publications/CEC-500-2005-184/CEC-500-2005-184.PDF>
3. <http://www.adamscountywind.com/Revised%20Site/Windmills/Adams%20County%20Ordinance/Adams%20County%20Wind%20Ord.htm>
4. http://www.dsireusa.org/incentives/incentive.cfm?Incentive_Code=PA11R&RE=1&EE=1
5. <http://www.wind-watch.org/documents/european-setbacks-minimum-distance-between-wind-turbines-and-habitations/>
6. <http://www.publications.parliament.uk/pa/ld201011/ldbills/017/11017.1-i.html>
7. http://www.caw.ca/assets/pdf/Turbine_Safety_Report.pdf
8. Rogers J, Slegers N, Costello M. (2011) A method for defining wind turbine setback standards. Wind energy 10.1002/we.468

2.2.2 Informative

None

2.3 DEFINITIONS

Definition	Description
Setback	The minimum distance between a wind turbine and boundary line/dwelling/road/infrastructure/servitude etc.
Flicker	Effect caused when rotating wind turbine blades periodically cast shadows
Tip Height	The total height of the wind turbine ie. Hub height plus half rotor diameter (see Figure1)

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2.3.1 Disclosure Classification

Controlled disclosure: controlled disclosure to external parties (either enforced by law, or discretionary).

2.4 ABBREVIATIONS

Abbreviation	Description
None	

2.5 ROLES AND RESPONSIBILITIES

All personnel involved in the positioning wind turbines, concentrated solar plants and photovoltaic plants near power lines/substations must follow the setbacks outlined in this guideline.

2.6 PROCESS FOR MONITORING

Approval by Eskom in writing.

2.7 RELATED/SUPPORTING DOCUMENTS

None

3. DOCUMENT CONTENT

3.1 INTERNATIONAL SETBACK COMPARISON

Wind Turbine setbacks employed by various countries were considered. It was found that setbacks were determined for various reasons that include noise, flicker, turbine blade failure and wind effects. The distances (setbacks) varied based on these factors and were influenced by the type of infrastructure

Wind turbine setbacks varied for roads, power lines, dwellings, buildings and property and it was noted that the largest setbacks were employed for reasons of noise and flicker related issues [1-7]. Very few countries specified setbacks for power lines.

The literature survey [1-7], yielded information about studies and experiments were conducted to determine the distance that a broken fragment from a wind turbine might be thrown. Even though of low probability of hitting a power line [5.0×10^{-5}]^[8], the distances recorded were significant [750m]^[8]

Setbacks were thus introduced to prevent any damage to Eskom infrastructure.

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Wind turbines may also cause changes in wind patterns with turbulent effects behind the hub. These factors dictate the wind turbine setbacks specified in this document.

Concentrated solar plants and photovoltaic plants also can limit access into the substation for power lines of all voltages. A setback distance must therefore be employed to prevent the substation from being boxed in by these generation plants. These setback distances are specified in this document.

3.2 ESKOM REQUIRED SETBACKS

A formal application must be sent to and accepted by Eskom if any of the below mentioned setback distances are infringed upon:

- Eskom requires a setback distance of 3 times the tip height of the wind turbine from the edge of the closest Eskom servitude (including vacant servitudes) for transmission lines (220kV to 765kV) and Substations.
- Eskom requires a setback distance of 1 times the tip height of the wind turbine from the edge of the closest Eskom servitude (including vacant servitudes) for distribution lines (66 kV to 132 kV) and Substations.
- An application must be sent to Eskom regarding any proposed wind turbine, concentrated solar plants and photovoltaic activity within a 5 km radius of a substation for Eskom to comment on the application.
- Where concentrated solar plants and photovoltaic structures fall within a 2 km radius of the closest point of a transmission or distribution substation (66kV to 765kV), Eskom should be applied to for approval in writing during the planning phase of such plant or structures.
- Applicants must not position any wind turbine in the line of site between and two Eskom Radio Telecommunication masts. It must be proven that Eskom radio telecommunication systems (mainly microwave systems) will not be affected in any way by wind turbines.
- If the position or size of any turbine changes and subsequently infringes on any of the above stated setbacks, an application must be sent through to Eskom as per the point mentioned above.

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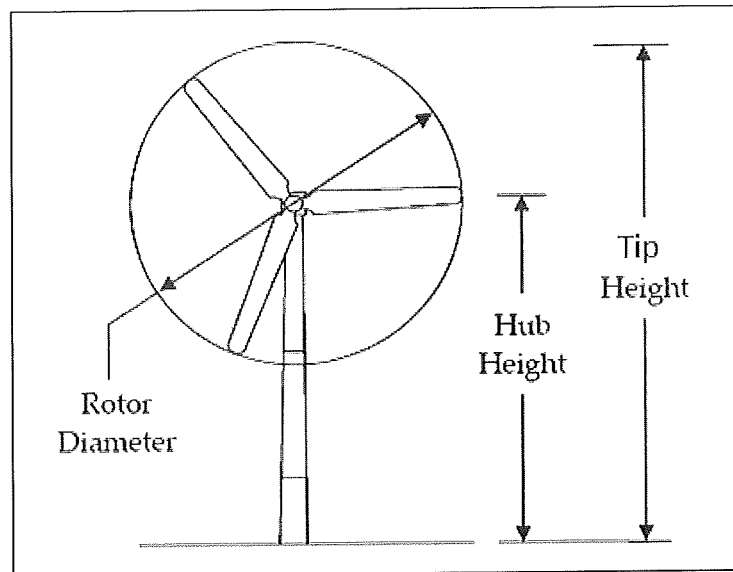


Figure 1: Horizontal Axis Wind Turbine ^[2]

4. AUTHORISATION

This document has been seen and accepted by:

Name & Surname	Designation
V Naidoo	Chief Engineer
Dr P H Pretorius	Electrical Specialist
J Geeringh	Snr Consultant Environ Mngt
B Haridass	Snr Consultant Engineer
R A Vajeth	Acting Snr Manager (Lines)

5. REVISIONS

Date	Rev.	Compiler	Remarks
November 2013	0	J W Chetty	First Publication - No renewable energy generation plant setback specification in existence
October 2018	1	JW Chetty	Modification to sub-section 3.2 to provide more clarity for application procedure

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6. DEVELOPMENT TEAM

The following people were involved in the development of this document:

Jonathan W Chetty (Mechanical Engineer)

Vivendhra Naidoo (Chief Engineer)

Dr Pieter H Pretorius (Electrical Specialist)

John Geeringh (Snr Consultant Environ Mngt)

Bharat Haridass (Snr Consultant Engineer)

Riaz A Vajeth (Acting Snr Manager (Lines))

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SOUTH AFRICAN HERITAGE RESOURCES AGENCY



an agency of the
Department of Arts and Culture

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Enquiries: Natasha Higgitt
Tel: 021 462 4502
Email: nhiggitt@sahra.org.za
CaseID: 13339

Date: Thursday January 31, 2019
Page No: 1

Final Comment

In terms of Section 38(4) of the National Heritage Resources Act (Act 25 of 1999)

Attention: Moeding Solar (Pty) Ltd

Moeding Solar (Pty) Ltd is proposing the development of a photovoltaic (PV) solar energy generation facility, and associated infrastructure on a site situated approximately 8km south of Vryburg. The facility is known as the Moeding Solar PV Facility and will be located within the Naledi Local Municipality and within the greater Dr Ruth Segomotsi Mompati District Municipality in the North West Province. The project site is also located within Zone 6 of the Renewable Energy Development Zones (REDZ), which is known as the Vryburg REDZ. The solar energy facility is proposed to be developed on the Portion 1 of the Farm Champions Kloof 731, Portion 4 and the Remaining Extent of Portion 3 of the Farm Waterloo 730. The facility will include multiple arrays (static or tracking) of photovoltaic (PV) solar panels with a contracted capacity of up to 100MW. The development footprint for the facility is anticipated to be approximately 300ha in extent.

Savannah Environmental (Pty) Ltd was appointed by Moeding Solar (Pty) Ltd to conduct an Environmental Authorisation (EA) Application for the proposed Moeding Solar PV Facility on Portion 1 of the Farm Champions Kloof 731, Portion 4 and the Remaining Extent of Portion 3 of the Farm Waterloo 730, near Vryburg, North West Province.

A Final Basic Assessment Report has been submitted in terms of the National Environmental Management Act, 107 of 1998 (NEMA) and NEMA Environmental Impact Assessment (EIA) Regulations. The proposed development includes the construction of a solar panel arrays with a capacity of 100MW, on-site inverters, a new 132KV powerline (two alternative routes will be considered), cabling between components, battery storage, offices and workshop areas, laydown areas, internal access roads and fencing.

PGS Heritage and Banzai Environmental (Pty) Ltd were appointed to provide heritage specialist input for the BAR process as per section 24(4)b(iii) of NEMA and section 38(8) of the National Heritage Resources Act, Act 25 of 1999 (NHRA).

Fourie, W. 2018. Heritage Impact Assessment: Moeding Solar PV Facility, North West Province.

A total of 34 heritage resources were identified within the PV development footprint and powerline corridors.



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Enquiries: Natasha Higgitt
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CaseID: 13339

Date: Thursday January 31, 2019
Page No: 2

These sites include 21 finds spots of low density Stone Age material, one Stone Age site in an erosion area, five significant Stone Age sites, one extensive exposure of Stone Age artefacts in pan deposits, three historical sites including stone-walled structures, middens, farm werf, one burial ground containing approximately 23 graves, one area of staked stones, and one possible grave. Of these sites, only six sites are located within the development area and will be directly impacted.

Recommendations provided in the report include the following:

- Table 3 in the report provides a list of recommended mitigation measures per site;
- A chance finds procedure is recommended; and
- A Heritage Management Plan (HMP) is recommended for implementation in the Environmental Management Programme (EMPr).

Butler, E. 2018. Palaeontological Field Assessment for the Moeding Solar PV facility and associated grid connection, North West Province.

The proposed PV development area is underlain by the Vryburg Formation of the Transvaal Supergroup, as well as the Schmidtsdrift Subgroup, Ghaap Group of the Transvaal Supergroup. The grid connection is underlain by the Vryburg Formation. Poorly preserved to well preserved stromatolites were identified within the PV facility footprint, while no fossil material was identified within the proposed grid connection routes.

Recommendations provided in the report include the following:

- Collection and recording of fossils and obtain data of the surrounding matrix within the proposed development footprint by a palaeontologist. This should take place after the preliminary vegetation removal but before the ground is levelled for construction;
- Excavation of this fossil heritage will require a permit from SAHRA, and the material must be housed in a permitted institution. All fieldwork and reports should meet the minimum standards for palaeontological impact studies developed by SAHRA;
- These recommendations should be incorporated into the Environmental Management Programme (EMPr).

Final Comment



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CaseID: 13339

Date: Thursday January 31, 2019
Page No: 3

The SAHRA Archaeology, Palaeontology and Meteorites (APM) Unit has no objections to the proposed development and accepts the recommendations of the specialists. The recommendations of the specialists and the following conditions must be included in the EMPr:

- All instances in Table 3 that refer to a 20 m buffer, must be increased to a 30 m buffer;
- Where monitoring is required, the monitoring must either be conducted by a qualified archaeologist or a trained Environmental Control Officer (ECO). Monitoring report must be submitted to SAHRA upon completion of the construction;
- If it is not possible to avoid the identified heritage sites, permits must be applied for in terms of the relevant sections of the NHRA prior to the construction phase. It must be noted that section 34 applications must be made to the North West Provincial Heritage Resources Authority (NWPHERA). Section 35 (for archaeological and palaeontological sites) and 36 applications must be made to SAHRA;
- Following vegetation clearance a qualified palaeontologist must conduct a site visit to determine if extraordinary stromatolites can be preserved. A report detailing the findings of the site visit must be submitted to SAHRA upon completion of the site visit;
- The recommended HMP must be submitted to SAHRA prior to the construction phase for comment;
- As the BAR has been finalised, this comment must be forwarded directly to the competent authority to be included in the decision-making process in terms of section 38(8) of the NHRA. Proof of the delivery and receipt thereof must be supplied to SAHRA;
- If any evidence of archaeological sites or remains (e.g. remnants of stone-made structures, indigenous ceramics, bones, stone artefacts, ostrich eggshell fragments, charcoal and ash concentrations), fossils or other categories of heritage resources are found during the proposed development, SAHRA APM Unit (Natasha Higgitt/Phillip Hine 021 462 5402) must be alerted. If unmarked human burials are uncovered, the SAHRA Burial Grounds and Graves (BGG) Unit (Thingahangwi Tshivhase/Mimi Seetelo 012 320 8490), must be alerted immediately as per section 35(3) and 36(6) of the NHRA. A professional archaeologist or palaeontologist, depending on the nature of the finds, must be contracted as soon as possible to inspect the findings. If the newly discovered heritage resources prove to be of archaeological or palaeontological significance, a Phase 2 rescue operation may be required subject to permits issued by SAHRA;
- The decision regarding the EA Application must be communicated to SAHRA and uploaded to the SAHRIS Case application.

Should you have any further queries, please contact the designated official using the case number quoted above in the case header.

Our Ref:



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Enquiries: Natasha Higgitt
Tel: 021 462 4502
Email: nhiggitt@sahra.org.za
CaseID: 13339

Date: Thursday January 31, 2019
Page No: 4

Yours faithfully

Natasha Higgitt
Heritage Officer
South African Heritage Resources Agency

Phillip Hine
Acting Manager: Archaeology, Palaeontology and Meteorites Unit
South African Heritage Resources Agency

ADMIN:

Direct URL to case: <http://www.sahra.org.za/node/519849>
(DEA, Ref:)

Terms & Conditions:

1. This approval does not exonerate the applicant from obtaining local authority approval or any other necessary approval for proposed work.
2. If any heritage resources, including graves or human remains, are encountered they must be reported to SAHRA immediately.
3. SAHRA reserves the right to request additional information as required.

TELKOM SOC LTD

Nicolene Venter

From: Jo-Anne Thomas <joanne@savannahsa.com>
Sent: Tuesday, January 22, 2019 11:07 AM
To: thalita@savannahsa.com; 'Nicolene Venter'
Subject: FW: CVR+0023_19 - CONSTRUCTION OF THE PROPOSED MOEDING SOLAR PV FACILITY INFRASTRUCTURE
Attachments: CVR0023-19 COVER LETTER.pdf; CVR0023-19 UPDATED SKETCH.pdf

Jo-Anne Thomas

Director | Savannah Environmental (Pty) Ltd
Tel: +27 (0)11 656 3237 | Fax: +27 (0)86 684 0547 | Cell: +27 (0)82 775 5628

[SAWEA Award for Leading Environmental Consultant for Wind Projects in 2013 & 2015](#)

From: Mothobi Martins (MC) <MartiMC2@telkom.co.za>
Sent: Tuesday, 22 January 2019 9:56 AM
To: info@savannahsa.com
Cc: David Gopane (OD) <DavidG1@openseve.co.za>
Subject: CVR+0023_19 - CONSTRUCTION OF THE PROPOSED MOEDING SOLAR PV FACILITY INFRASTRUCTURE

Good Day

Attached find updated sketch and the cover letter Please contact Mr **David Gopane** at 053 927 4041/081 401 1563, Two weeks before commencement of work.

With reference to your above-mentioned application, I hereby inform you that our Client (OPENSERVE) approves the proposed work indicated on your drawings in terms Section 22 of the Electronic Communications Act 36 of 2005 as amended.

Any changes/deviations from the original planning during or prior to construction must immediately be communicated to this office.

Mr. David Gopane must be contacted at telephone number 053 927 4041/081 401 1563,(Two) 2 weeks prior to commencement of proposed work from our Client (OPENSERVE)'s Network Field Services.

Regards

Mothobi Martins
MartiMC2@telkom.co.za
051 401 6320



Mvelaphande Trading

Mvelaphande Trading

P/A C Schutte

P.O Box 12534

Brandhof

9324

Enquiries:

Mothobi Martins

Telephone:

051 - 401 6320/ 0827376286

E-mail:

MartiMC2@telkom.co.za

Our Ref no: CVR0023-19

Your Ref: Moeding Solar PV Facility

22 January 2019

Savannah Environmental
82 Maude Street
Sandton
2195

FOR ATTENTION: Ms Nicolene Venter

WAYLEAVE APPLICATION: CONSTRUCTION OF THE PROPOSED MOEDING SOLAR PV FACILITY INFRASTRUCTURE.

With reference to your above- mentioned application, I hereby confirm that the proposed work installation is approved by our Client (Openserve) in terms of Section 22 of the Electronic Communications Act No. 36 of 2005 as amended.

Our Client (Openserve)'s infrastructure is affected by this proposal and the route is marked in **GREEN and PINK** on attached sketch as accurately as possible. **We did our utmost to ensure that we indicate our route as accurate as possible and should you discover any of our cables that is not on the sketch please stop and contact us immediately to arrange a site meeting. In the event that our cables are exposed and damaged/stolen by a third party the damages will be repaired at the customer's account. Please make use of pilot holes in order not to damage our infrastructure.** Therefore, any damages occurred during construction of work will be repaired at the customer's account.

On completion of this project, please certify that all requirements as stipulated in this letter have been met. Please note that should any of our Client (Openserve) infrastructure has to be relocated or altered as a result of your activities the cost for such alterations or relocation will be for your account in terms of section 25 of the Electronic Communications Act.

Mr David Gopane must be contacted at telephone number 053 927 4041/081 401 1563, 2 (Two) weeks prior to commencement of proposed work. It's important that all services are shown on site before construction starts.

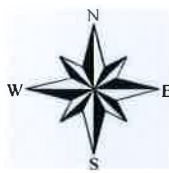
Approval of the proposed route is valid for six months. If construction has not yet commenced within this period, then the file must be resubmitted for approval. Any changes / deviations from the original planning during or prior to construction must immediately be communicated to this office.

Please notify this office and forward an as built plan, within 30 days of completion of construction.

Mr David Gopane must be contacted at telephone number 053 927 4041/081 401 1563, 2 (Two) weeks prior to commencement of proposed work. It's important that all services are shown on site before construction starts.

Yours sincerely

MOTHOBI MARTINS



Moeding Solar PV Facility and associated infrastructure, North West Province

Locality Map

Legend

- Town
- Eskom Substation
- Railway
- National Route
- Regional Road
- Main Road
- Non-perennial River
- Perennial River
- Project Site
- Affected Property
- Farm Portion

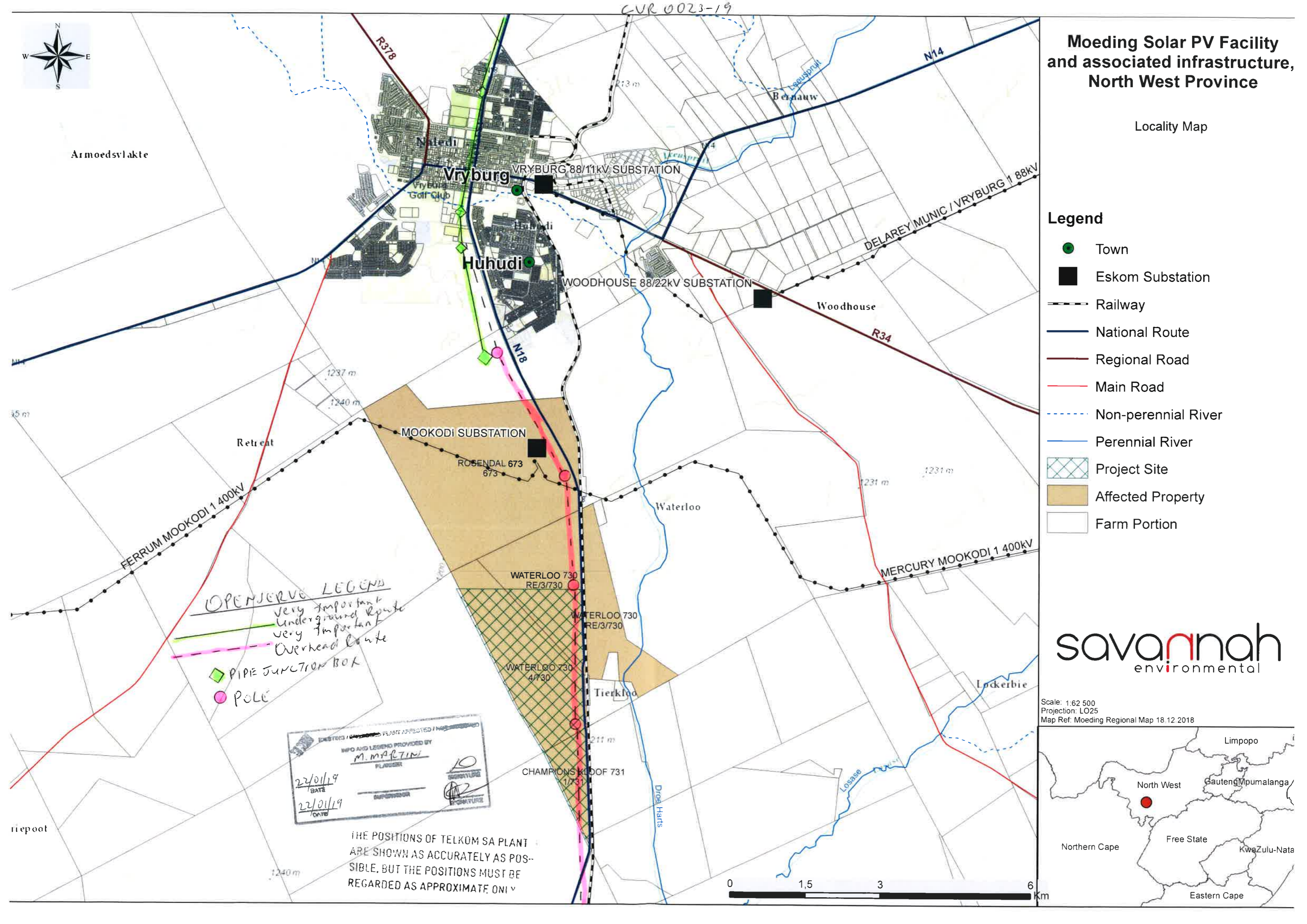
OPENJERVO LEGEND
 Very Important Underground Route
 Very Important Overhead Route
 PIPE JUNCTION BOX
 POLE

EXISTING / PROPOSED PLANT AFFECTED / INFO AND LEGEND PROVIDED BY
M. MARTIN
 PLANNER
 DATE: 22/01/19
 DATE: 22/01/19
 SUPERVISOR

THE POSITIONS OF TELKOM SA PLANT ARE SHOWN AS ACCURATELY AS POSSIBLE, BUT THE POSITIONS MUST BE REGARDED AS APPROXIMATE ONLY



Scale: 1:62 500
 Projection: LO25
 Map Ref: Moeding Regional Map 18.12.2018



TRANSNET

13 February 2019

Savannah Environmental (PTY) Ltd

Dear Nicolene Venter

RE: APPROVAL OF THE MOEDING SOLAR PV FACILITY – NORTH WEST PROVINCE

1. The above matter refers.
2. Approval is based on the geographic separation between the solar facility and TFR high sites.
3. Transnet SOC Ltd approves the commencement subject the terms and conditions listed below.
 - (i) At any time after the approval or during the development of the project, should there be interference with the infrastructure to disrupt train service and impose a risk on operations, the applicant will be required by TFR to reduce and/or remove the cause of the interference immediately, and where necessary the mitigation solution must be implemented in order for TFR to continue to operate safely.
 - (ii) Development activities underneath or within close proximity to TFR infrastructure must adhere to relevant TFR guidelines relating to clearance between equipment and the proposed development activity as well as strict adherence to the Occupational Health and Safety Act 85 of 1993.
 - (iii) This approval is subject to the submitted application of the property boundaries, the materials used as well as the size and positioning of structures provided. If TFR's radio systems are compromised by the deviation of this submission and the deviation cannot be reversed, the applicant shall be liable for cost to re-establish the services to TFR.
 - (iv) This is only a TFR approval. It does not include other telecommunications operators that have a co-sharing agreement for the use of TFR radio masts.
 - (v) Any additional structures to be built or changed within the property boundaries require a fresh application to TFR.
 - (vi) This approval does not imply any rights to access to TFR property or use of the road for

Transnet SOC Ltd
Registration Number
1990/000900/30

2nd Floor
Waterfall Business Estate
9 Country Estate Drive
MIDRAND
1662


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Parkview, Johannesburg
South Africa, 2122
T +27 11 308 3001
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construction of the project design. Permission must be obtained from TFR. Furthermore TFR reserves the right to claim damages for any loss sustained as a result of damages to our telecommunication infrastructure.

- (vii) The applicant shall, in the carrying out of any work or project take all necessary precautions for the safety of TFR and its property including the radio links in the area against damages as a result of development of the applicant's Project. The applicant shall be liable for direct and/or indirect, and/or consequential damages or injury that may be caused by themselves to any work or property of TFR including radio links or land which may be disturbed.
- (viii) Any work in connection with the development of the applicant's project shall be carried out, in such a manner as to avoid any possible loss or inconvenience to TFR's customers or public, and upon completion of such work, any property of TFR, including radio links or land which may have been disturbed shall be restored to the same condition as that in which it was before the development of the project.
- (ix) In no event will TFR or its subcontractors be liable to the applicant or anyone else for special, collateral, exemplary, direct, indirect, incidental or consequential damages (including without limitation, loss of goods, loss of profit or revenue, loss of savings, loss of use, interruption of business, and claims of the applicant or injury whether such damages or injury occur prior or subsequent to, or are alleged to be as a result of any TFR radio links approved and/or not approved in terms of this letter or as a result of delict, even if TFR has been advised of the possibility of such damage or injury).

We trust you find the above in order

Regards


Tshepo Maloma 19/02/2019
Chief Engineer
Telecommunications
Transnet Freight Rail