

MEETING:
HANTAM LOCAL MUNICIPALITY

Dwarsrug Wind Farm Access Road, Northern Cape Province

NOTES OF: Focus Group Meeting

HELD ON: 23 October 2018

VENUE: Boardroom, Hantam Local Municipality, Calvinia

Notes for the Record prepared by:

Savannah Environmental (Pty) Ltd

E-mail: publicprocess@savannahsa.com

Please address any comments to Savannah Environmental at the above address

Venue: Boardroom, Hantam Local Municipality, Calvinia

Date: 23 October 2018

Time: 15h00

WELCOME AND INTRODUCTION

Shaun Taylor (ST) welcomed everyone to the meeting. Introductions were provided by each attendee including names, designation and representative entity. Details are provided below.

MEETING ATTENDEES

Name	Organisation	Position
Jan Swart	Hantam Local Municipality	Mayor
Shereave Felix	Hantam Local Municipality	Head of Department: Local Economic Development
Riana Lock	Hantam Local Municipality	Town Planning
Bert Leukes	Hantam Local Municipality	Town Planning
Riaan Van Wyk	Hantam Local Municipality	Director: Social & Technical Services
Shaun Taylor	Savannah Environmental (Pty) Ltd	Environmental Assessment Practitioner and Freshwater Specialist

APOLOGIES

None.

Copy of Attendance Register is attached as **Appendix A**.

BACKGROUND & TECHNICAL ASPECTS REGARDING THE PROPOSED PROJECT

ST explained that the focus group meeting (FGM) was held with an aim to introduce the project and provide the Key Stakeholders with preliminary information regarding the project. Additionally, the FGM meeting was held to obtain any comments or concerns from Key Stakeholders regarding the project. The details of the discussion session are provided below.

Copy of the presentation is attached as **Appendix B**.

DISCUSSION SESSION

Question / Comment	Response
It is a concern for the project as to who will maintain the roads once constructed, after the lease ends for the proposed wind farm.	Mainstream Post Meeting Note: Following the end of life of the wind farm, depending on whether Eskom wishes to keep the substation infrastructure in place, the road

	<p>will either be handed over to Eskom, who will be responsible for maintaining the road or alternatively the road will be handed back to the landowner, who can maintain it or ask for the road to be rehabilitated, which would be done by the wind farm SPV.</p>
Will the proposed road be gravel or tar?	<p>The client will be queried and a response will be provided as a post-meeting note.</p> <p>Mainstream Post Meeting Note: The road will be a gravel road, up to 12m in width during construction and reduced to 8m for the duration of operation.</p>
Will a servitude be established?	<p>Yes, this will be undertaken in consultation with the relevant road authority.</p> <p>Mainstream Post Meeting Note: Yes, a road servitude will be registered on the relevant properties against the property title deeds. These will be maintained by the Wind Farm SPV during the construction and operation of the wind farm, thereafter it will either be ceded to Eskom or the landowner or deregistered and rehabilitated.</p>
What will be made of the residual waste during construction? Where will this be disposed of? It was stated that the Municipality could assimilate this waste and it should not be dumped in Loeriesfontein.	<p>Waste would typically be disposed of at an appropriate waste facility. Your recommendation to dispose of the waste at the Municipality is noted and will be communicated to the client.</p> <p>Mainstream Post Meeting Note: Residual waste will be collected on-site in suitable waste collection facilities, where after it will be disposed of by registered waste management contractors to approved waste disposal facilities.</p>
Where will water be sourced during construction?	<p>This will be confirmed with the client and a response will be provided as a post-meeting note.</p> <p>Mainstream Post Meeting Note: Sourcing of water for the project will either be from existing or new boreholes on the project site or alternatively from approved boreholes in the vicinity of the projects site. As a last</p>

	alternative water will be sourced from the nearest commercially available source.
The Hantam Local Municipality wishes to meet with the Local Economic Development representative at South Africa Mainstream Renewable Power during the environmental authorization process or the municipality will not support the proposed development. The municipalities support of the proposed development will rest on the social labour plan for the project to which the municipality would like to know the details of such a plan.	<p>This will be communicated to the client.</p> <p>Mainstream Post Meeting Note: South Africa Mainstream Renewable Power will gladly meet with the Municipality and will arrange a date and time accordingly.</p>
It is desired that the whole of Granaatboskolk (which is the main access road to the project site) is tarred, given the number of projects in the same area as the proposed development. It is proposed that all developers in the study area should contribute to the tarring of this road.	<p>This will be proposed to the client for their consideration.</p> <p>Mainstream Post Meeting Note: South Africa Mainstream Renewable Power will have to discuss this option with other developers in the region and revert accordingly. It must also be noted that during construction the road will most likely be taken over and maintained by the project company in accordance with the requirements of the Northern Cape Roads Department.</p>

WAY FORWARD AND CLOSURE

ST thanked everyone for their attendance and informed all that the draft minutes of the meeting will be circulated in due course to all attendees for their consideration.

ST closed the meeting.

PROPOSED DEVELOPMENT OF THE DWARSRUG WIND ENERGY FACILITY ACCESS ROAD, NORTHERN CAPE

Focus Group Meetings
23 & 25 October 2018

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MEETING AGENDA

1. Welcome & introduction
2. Purpose of the Meeting
3. Project Overview and Location
4. Overview of BA Processes
5. Discussion session
6. Way forward

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CONDUCT OF THE MEETING

Cell phone etiquette
Focus on this project
Equal opportunity

savannah
environmental

WELCOME & INTRODUCTION

- » Savannah Environmental
- » South African Mainstream Renewable Power (Pty) Ltd

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SAVANNAH ENVIRONMENTAL (PTY) LTD

- » Appointed as the independent **Environmental Assessment Practitioner (EAP)**
- » Responsible for:
 - * **Environmental Authorisation Process**
 - * **Public Participation (PP) process**

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PURPOSE OF THE MEETING

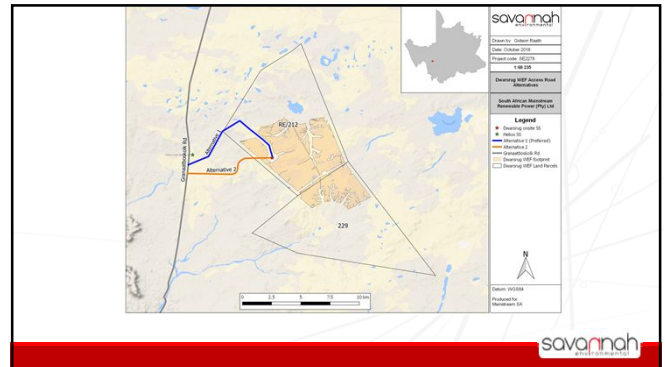
- » Present and introduce the project
- » Provide a description of the **BA & Public Participation processes** being undertaken
- » Obtain initial comments for inclusion in the **Basic Assessment Report** to be submitted to the Northern Cape Province Department of Environment and Nature Conservation (NC DENC)

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DWARSRUG ACCESS ROAD

- » **Background** - Dwarsrug Wind Energy Facility (WEF) approved (EA) for 140MW, consisting of approximately 70 turbines, with 150m rotor diameter, 70m blade length and 150m hub height (approximates).
- » **One access road required for facility (this project)** – the Dwarsrug WEF access road.
- » Two alternative access roads will be assessed, including:
 - » **Alternative 1** - Gravel road from Granaatboskolk to the project site: 11.26km
 - » **Alternative 2** - Gravel road from Granaatboskolk to the project site: 8.20km

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DWARSRUG ACCESS ROAD

- » Permanent road up to 12m width during construction
- » Rehabilitated to approx. 6m during operation

Infrastructure includes the following:

- » Temporary laydown areas required during construction, at strategic locations along the road
- » The actual road footprint as per the approved alternative

DWARSRUG ACCESS ROAD

The affected properties will include the following:

- » Remainder of the Farm Brakpan No. 212 (Alt 1 & 2);
- » Portion 1 of the Farm Aan de Karee Doorn Pan No. 213 (Alt 1);
- » Remainder of the Farm Sous No. 226 (Alt 1 & 2); and
- » Narosies No. 228 (Alt 2).

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Baseline Environment

- » Ecological Baseline:
 - » Bushmanland Basin Shrubland vegetation type (Mucina & Rutherford, 2006) - Low open shrubland on shallow, stony soils;
 - » Bushmanland arid grassland - *Stipagrostis* grasses on more sandy soil over calcrete;
 - » Low hills - Open plains broken by occasional low stony hills;
 - » Drainage lines - Not well developed, but considered sensitive;
 - » Pans - Number of smaller pans that are also not well developed and ephemeral;
 - » Mammals, reptiles and amphibians expected within the study area.
- » Freshwater Baseline:
 - » See above.
- » Heritage Baseline:
 - » Mainly single to low density Middle Stone Age (MSA) and Later Stone Age (LSA) finds expected - cores, blades, side scrapers, raw materials and flaking marks etc.

BA PROCESS

- » The proposed project requires:
 - * **Environmental Authorisation (EA)** in terms of NEMA & the EIA Regulations (2014), as amended
- » A **Basic Assessment Report (BAR)** will be prepared & made available for a 30-day public review period
- » Following the conclusion of the 30-day public review period a **Final BAR** will be prepared & submitted to NC-DENC

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BA PROCESS



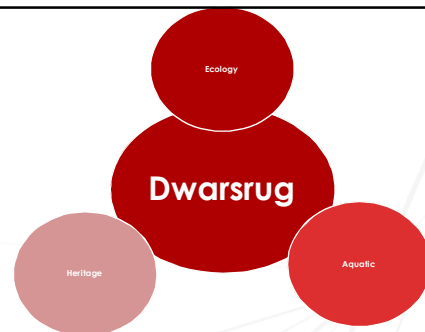
PUBLIC PARTICIPATION

- » Please **register** as an **Interested and Affected Party** to remain informed of the project development.
- » **Commenting period** to be advertised and notices sent to **registered** I&APs
- » Report copies will be made available at **Loeriesfontein Library**
- » Soft copies (CDs) will be **available upon request** from Savannah
- » **All comments and responses will be captured** in an updated Comments and Response Report (CRR) and included in the Final Basic Assessment Report before submission to DENC for decision making.

CONTENT OF THE BAR

- » A number of potential **negative & positive impacts** will be identified from a **Socio-Economic & Biophysical** perspective.
- » **Fatal flaw** (if any), will be identified.
- » Studies will be undertaken in order to **assess** the significance of potential impacts.

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ANTICIPATED IMPACTS

- » Disturbance and loss of indigenous vegetation
- » Disturbance and loss of species of conservation concern (faunal and flora)
- » Impact on Critical Biodiversity Areas
- » Establishment and spread of declared weeds and alien invader plants
- » Increased sedimentation and erosion
- » Impacts on localised surface water quality

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ANTICIPATED IMPACTS

- » Soil (compaction, erosion & loss soil fertility)
- » Impacts to heritage resources
- » Creation of direct and indirect employment
- » Safety and security impacts
- » Noise impacts

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SENSITIVITY ANALYSIS

- » A number of **potentially sensitive areas** will be determined within the project site, following specialist input
- » These will be reflected within **Environmental Sensitivity Maps** for the project, included in the Basic Assessment and Environmental Management Programme reports.



DISCUSSION SESSION

- » Question & comments are welcome



PLEASE DIRECT COMMENTS TO:

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Savannah Environmental

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e: publicprocess@savannahsa.com

w: www.savannahsa.com

a: First Floor, Block 2, 5 Woodlands Drive Office Park
Cnr Woodlands Drive & Western Service Road
Woodmead, 2091



MEETING:
LANDOWNERS

Dwarsrug Wind Farm Access Road, Northern Cape Province

NOTES OF: Focus Group Meeting

HELD ON: 25 October 2018

VENUE: Boardroom, Agri Mark, Main Street, Loeriesfontein

Notes for the Record prepared by:

Savannah Environmental (Pty) Ltd

E-mail: publicprocess@savannahsa.com

Please address any comments to Savannah Environmental at the above address

Venue: Boardroom, Agri Mark, Main Street, Loeriesfontein

Date: 25 October 2018

Time: 08:30am

WELCOME AND INTRODUCTION

Shaun Taylor (ST) welcomed everyone to the meeting. Introductions were provided by each attendee including names, designation and representative entity. Details are provided below.

MEETING ATTENDEES

Name	Organisation	Position
Bobby van der Westhuizen	Farmers Union	Manager
Braam Lintvelt	Private	Landowner
Shaun Taylor	Savannah Environmental (Pty) Ltd	Environmental Assessment Practitioner and Freshwater Specialist

APOLOGIES

None.

BACKGROUND & TECHNICAL ASPECTS REGARDING THE PROPOSED PROJECT

ST explained that the focus group meeting (FGM) was held with an aim to introduce the project and provide the Interest and Affected Parties (I&APs) with preliminary information regarding the project. Additionally, the FGM meeting was held to obtain any comments or concerns from I&APs regarding the project. The details of the discussion session are provided below.

Copy of the presentation is attached as **Appendix A**.

DISCUSSION SESSION

Question / Comment	Response
Will the proposed road be fenced? The proposed road will affect properties which contain sheep and game. Drivers for projects in the nearby area for other wind farms don't adhere to speed limits. The proposed road will therefore be a safety risk to animals and people alike.	<p>The client will be queried and a response will be provided as a post meeting note.</p> <p>Mainstream Post Meeting Note:</p> <p>The section of the access road on the wind farm site will be unfenced as it becomes synonymous with the site. Generally, the sections road to the site will be fenced off accordingly to limit access of animals to the road and site. The proposed road is on private land and therefore does not affect anyone</p>

	<p>else. Roads not directly on the wind farm will be fenced off/or not, depending what has been agreed with the relevant landowner.</p>
<p>It is a concern that the road will alter the flow paths and general flow dynamics of the landscape for the drainage lines to be crossed, producing an erosion risk. How will this be addressed?</p>	<p>Suitable mitigation measures to minimize the alteration of flow dynamics and erosion risk will be proposed in the surface water report to be undertaken for the proposed development.</p> <p>Mainstream Post Meeting Note: Further it must be noted that any water crossing will require a Water Use License with strict compliance requirements to ensure avoidance of these issues.</p>
<p>Dust suppression is a concern as it affects the plants in the surrounding area and grazing quality of the vegetation for sheep on the farms.</p>	<p>Dust suppression techniques will be employed during the construction phase and any residual impacts will be temporary in nature. It is uncertain as to whether dust suppression will be required during the operation phase as it is uncertain as to whether the proposed road will be tarred or gravel.</p> <p>Mainstream Post Meeting Note: Very little vehicular movement is experience onsite during operations and there is limited need for dust suppression.</p>
<p>Maintenance during operation will be important. It is required that a realistic plan is compiled to address maintenance including dust suppression (excessive dust is a safety risk for those travelling on the road) and grading (if the proposed road will be gravel).</p>	<p>The client will be queried in this regard, and a response will be provided as a post-meeting note.</p> <p>Mainstream Post Meeting Note: Maintenance of the road form wear and tear will be undertaken during operation by the operating company.</p>
<p>It is proposed that all developers in the study area should contribute to the tarring of Granaatboskolk road, as this is the main access road that will be used and it is a safety risk to all users of the road. Large construction vehicles create a large amount of dust which is a safety risk for oncoming traffic, and also degrade the road for other users making it almost unusable for users at times.</p>	<p>This will be proposed to the client for their consideration and a response will be provided as a post-meeting note.</p> <p>Mainstream Post Meeting Note: South Africa Mainstream Renewable Power will have to discuss this proposal with other developers in the region and revert accordingly. It must also be noted that during construction the road will most likely be taken over and maintained by the project company in accordance with the requirements of the Northern Cape Roads Department.</p>

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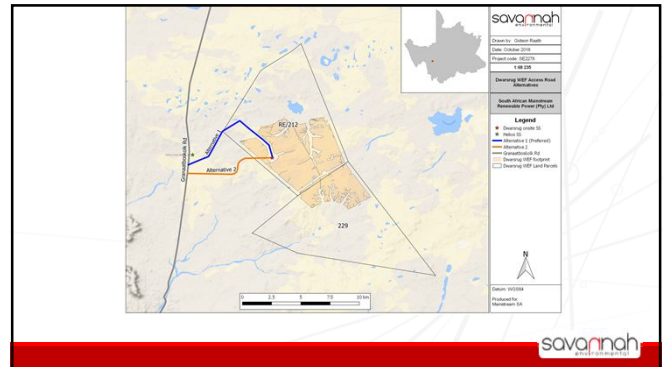
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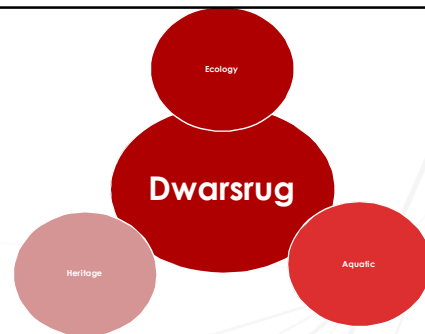
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