



PROPOSED RUSTMO2 PV FACILITY

BASIC ASSESSMENT PROCESS

Savannah Environmental (Pty) Ltd

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FOCUS GROUP MEETING

NOTES OF MARIKANA PLATINUM MINE MEETING

Conducted on
Thursday, 11 August 2011,

Minutes prepared by:
Savannah Environmental

Please address any comments to Bongani Khupe at the above address.

BASIC ASSESMENT PROCESS: PROPOSED RUSTMO2 PV PLANT

Venue: Marikana Platinum Mine

Date: 11 August 2011

Time: 13h00 – 14h00

MEETING ATTENDEES

Name	Organisation & Position
Bongani Khupe	Savannah Environmental
Sekhar Subramoney	Momentous Energy
Gareth Warner	Momentous Energy
Raphael Mwangobola	Marikana Platinum Mine Engineering Manager

WELCOME AND INTRODUCTION

The project team introduced themselves and a description of the project and proposed activities was given.

APOLOGIES

No apologies

DISCUSSION SESSION

Question / Comment	Response
Raphael: Need to apply for a proper servitude and include the powerline in your EIA.	Gareth: The line was covered in the EIA.
Raphael: How are you going to connect to the substation?	Gareth: The proposed powerline is to run straight from our transformer to Eskom's switching station.
Raphael: You need to document your plans whether the powerline will be underground or overhead so that we can agree. If the powerline is overhead we will need to put the appropriate restrictions for our trucks.	Gareth: We are happy with either underground or overhead.
Raphael: If you put underground cables you will be at a risk of cable theft as this is a problem in the area.	Gareth: We will have 24hr security on the facility.

Question / Comment	Response
Raphael: Copper cable theft is a serious issue in the area so you need to consider this in whatever decision you make regarding the types of cables you use.	Gareth: Comment noted. However we are happy to use which ever method in order to accommodate the mine.
Raphael: How are you going to couple with Eskom?	Gareth: We will put an 88kv feeder which Eskom has approved.
Raphael: If you are putting 88kv you wouldn't want to use underground would you?	Gareth: Underground wouldn't be ideal for 88Kv.
Raphael: 88Kv underground would be a safety risk.	Gareth: Comment noted, overhead would definitely be ideal.
Raphael: Based on your trade-off studies which would be more economic: overhead or underground?	Gareth: Overhead cables are more economic.
<p>Raphael: We have no problems with overhead we will just have to put the relevant height limiters.</p> <p>There are also minimum heights from Eskom that you will have to adhere to and I'm sure if you adhere to these everything will be fine.</p>	Noted
Gareth: How would we go around getting the servitude? Do we liaise with you?	Raphael: You would have to liaise with us as part of the land including the road belongs to the mine. Once you come up with a plan we would therefore have to look at the specs and sign off on it.
Bongani: Please go through the background information document and documents on our web page and provide us with your comments.	Raphael: Will do.
Gareth: How many megawatts does the mine use?	Raphael: About 17MW
Sekhar: We are looking at setting up a community trust with the adjacent communities so that they can also benefit from the project.	Raphael: No problem we have had a few project with the communities as well.
Raphael: It is good to involve the surrounding communities so that you can also eliminate the issue of theft.	Comment noted
Gareth: We would also like permission	Raphael: No problem we would sign off on any

Question / Comment	Response
to use the road. However, our use of the road would be minimal after construction. We would also like to contribute to maintenance of the road where necessary.	permission to use the road where necessary.
Raphael: After your designs have been finalised we would like to know where your access off the road would be.	Gareth: We will provide you with the details. It would be ideal for us to access the site from the road.
Gareth: Why was the road tarred up to that point not all the way down?	Raphael: Generally light vehicles do not go beyond that point. The sections of the road after that are mainly used by haulage trucks.
Gareth: We would actually be happy to tar the road further down to eliminate potential dust issues.	Raphael: The mine doesn't really need that section of the road tarred however, if you feel you need to tar the road, feel free to tar it.

WAY FORWARD AND CLOSURE

The meeting closed at 14h00.



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NOTES OF SITE VISIT

Conducted on
Thursday, 11 August 2011,

Minutes prepared by:

Savannah Environmental

Please address any comments to Bongani Khupe at the above address.

BASIC ASSESMENT PROCESS: PROPOSED RUSTMO2 PV PLANT SITE VISIT

Venue: Site
Date: 11 August 2011
Time: 11h00 – 12h00

MEETING ATTENDEES

Name	Organisation & Position
Bongani Khupe	Savannah Environmental
Sekhar Subramoney	Momentous Energy
Gareth Warner	Momentous Energy
Lufuno Nevhufumba	Department of Agriculture, Forestry and Fisheries

WELCOME AND INTRODUCTION

Bongani Khupe facilitated the meeting, welcomed those present, and introduced the project team. After the introductions a site inspection was conducted and the location of the protected visited.

APOLOGIES

Apologies were received from Anthon (Department of Agriculture) and Charles Nemitandani (DWA: Crocodile (West) and Marcio WMA)

DISCUSSION SESSION

Question / Comment	Response
Lufuno: Will the protected tree be removed?	Gareth and Sekhar: The tree is located in an area that has already been excluded from the development due to its geology (very rocky).
Bongani: Will the tree not shade the panels if left on site?	Gareth: The area already excluded from the development will cater for any potential shading.
Bongani: The tree might need pruning in future of which relevant applications will need to be made.	Lufuno: An application for exemption will need to be made.
Lufuno: What is the proposed method of bush clearing?	Gareth: We will endeavour to use whatever method the department recommends.

Question / Comment	Response
Lufuno: You will need to quantify the amount of indigenous vegetation to be removed and also identify local communities where you will plant/donate new trees.	Gareth and Sekhar: The relevant communities have already been identified and a community trust is being established.
Lufuno: Will compile my comments and forward them.	Noted.

WAY FORWARD AND CLOSURE

The meeting closed at 12h00.