



**ENVIRONMENTAL IMPACT ASSESSMENT
PROCESS**

**PROPOSED RE-ALIGNMENT OF A SECTION OF
OG73 ROAD TO ACCOMMODATE SOLAR ENERGY
FACILITIES NEAR PAULPUTS SUBSTATION,
NORTHERN CAPE PROVINCE**

PUBLIC PARTICIPATION PROCESS

BASIC ASSESSMENT PROCESS

MEETING

**NORTHERN CAPE DEPARTMENT OF ROADS AND
PUBLIC WORKS**

**HELD ON
26 MAY 2016**

VENUE

45 SCHMIDTSDRIFT ROAD, KIMBERLY

Savannah Environmental (Pty) Ltd

Contact: **Gabriele Wood**

Address: PO Box 148
Sunninghill, 2157

Tel: 011 656 3237

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E-mail: gabriele@savannahsa.com

Notes for the Record prepared by:

Savannah Environmental

Please address any comments to Gabriele Wood at the above address.

**PROPOSED RE-ALIGNMENT OF A SECTION OF OG73 ROAD TO ACCOMMODATE
SOLAR ENERGY FACILITIES NEAR PAULPUTS SUBSTATION,
NORTHERN CAPE PROVINCE**

Venue: Department of Roads and Public Works, 45 Schmidtsdrift Road, Kimberly
Date: 26 May 2016
Time: 08:00

WELCOME AND INTRODUCTION

Gabriele Wood of Savannah Environmental welcomed all in attendance and introduced herself as the Public Participation Consultant for the Environmental Impact Assessment (Basic Assessment) process being undertaken for the proposed re-alignment of a section of the OG73 Road to accommodate solar facilities near the Paulputs Substation in the Northern Cape Province. She said that Abengoa Solar Power South Africa (Abengoa) intend to submit a wayleave application to the Northern Cape Department of Roads and Public Works (DRPW) in order to realign the road. She explained that Savannah Environmental has been appointed as the independent environmental consultancy to undertake the Basic Assessment process required in terms of the EIA Regulations, 2014 and that the applicant for the road realignment will be the DRPW.

Gabriele Wood noted that Abengoa had submitted a letter of intent regarding the proposal to realign the road to Mr Jaco Roelfse of the DRPW on 24 April 2016 and that the meeting had subsequently been convened to introduce the project, present the anticipated environmental impacts associated with the road realignment project that would be assessed and to determine the process required for the wayleave application and the environmental assessment process.

Gabriele Wood requested the members of the meeting to introduce themselves (refer to attendance register below).

MEETING ATTENDEES

Name	Organisation
Mr M. Sithole (MS)	Department of Roads and Public Works – Civil Technician
Mr R. Matsoso (RM)	Department of Roads and Public Works – Roads Engineer
Mr. HP Van Heerden (HvH)	Abengoa Solar Power South Africa – Environmental Manager
Ms Michelle Moodley (MM)	Savannah Environmental – Environmental Consultant
Gabriele Wood (GW)	Savannah Environmental – Public Participation and Social Consultant

APOLOGIES

None

BACKGROUND TO THE PROJECT

Michelle Moodley discussed the background and introduction to the project and the Basic Assessment process (refer to attached presentation and preliminary layout map).

MEETING NOTES

No.	Item	Action
1.	<u>IDENTIFICATION AND JURISDICTION OF THE OG73</u>	
1.1	MS stated that the name of the road referred to as "MR73" in the Abengoa's letter of intent dated 24 April 2016 was incorrect. It was confirmed that the road is identified as OG73 and that it is declared a public road providing access to the farms in the area.	Note
1.2	RM noted that although the OG73 is declared a public road, it is considered the lowest class of road and that maintenance of the road is done on request.	
1.3	MS confirmed that the OG73 falls under the jurisdiction of the DRPW.	
2.	<u>COMMENTS/QUERIES ON THE PROJECT AND BASIC ASSESSMENT PROCESS</u>	
2.1	RM asked how long will the section of the road that will decommissioned be?	
2.1.1	MM stated that approximately 4km of the road would be decommissioned. She noted that the deviated section of the road would be approximately 6km and that the road would be 7m wide.	
2.2	RM queried what the displacement would be from the existing route alignment?	





2.2.1	MM responded that the displacement would be approximately 2km.	
2.2.3	MS noted that the junction of the OG73 and the MR759 would need to be engineered. This is the responsibility of Abengoa.	Note
3.	<u>WAYLEAVE APPLICATION PROCESS</u>	
3.1	RM noted that the wayleave application for requested road deviation would need to be undertaken by the DRPW in terms of Roads Ordinance (19/1976) – Closing and proclamation of roads.	
3.2	RM explained that a public participation process is required to be undertaken in terms of this process. He said that written notices will be issued to the affected property owner/s as well as property owners located along the OG73 south of Abengoa’s property. In addition, it was noted that a newspaper advertisement announcing the process will be placed in a local newspaper. He stated that Interested & Affected Parties (I&APs) would have 21-days to lodge objections on the application.	
3.3	GW noted that the adjacent property owners had been identified for the solar projects which are currently being constructed and for new projects proposed on the site. She undertook to provide the DRPW with the property owner’s contact information.	Savannah Environmental
3.4	RM stated that the realigned road would be declared and gazetted if no objections are lodged by I&APs.	
3.5	RM stated that Abengoa’s letter of intent would be acknowledged. Further, he noted that Abengoa would be required to pay a R10 000 application fee for the processing of the wayleave application and that the account details would be provided with the DRPW’s acknowledgment letter.	DRPW
3.6	HvH stated that he would arrange the payment of the application fee.	Abengoa
3.7	It was noted that the environmental assessment process could run concurrently with the wayleave application process. It was noted that the Northern Cape Department of Environment and Nature Conservation is the competent authority for the	

	application.	
4.	WAY FORWARD	
4.1	GW noted that the minutes of the meeting would be circulated in the next week.	Savannah Environmental
4.2	GM and MS confirmed that the DRPW would acknowledge Abengoa's letter of intent dated 24 April 2016 and that any further information required for the application would be communicated to Abengoa. The account details for the payment of the application fee would also be sent to Abengoa.	DRPW
4.3	GM stated that either he or Jaco Roelofse would sign as the Applicant on the Application form for Environmental Authorisation. Savannah Environmental undertook to arrange a courier company to collect the signed application forms.	DRPW

CLOSURE

In closing Gabriele Wood noted that the draft Basic Assessment Report would be made available in due course. She stated that the comments received would be responded to and included in the final Basic Assessment Report that would be submitted to the Northern Cape Department of Environment and Nature Conservation. Gabriele Wood thanked the members of the meeting for availing themselves for the meeting and the inputs which were provided.

SAVANNAH ENVIRONMENTAL (PTY) LTD		ATTENDANCE REGISTER	
Project	Paulputs CSP Project & Re-Alignment of 4km of the MR73 Main Road, Northern Cape Province	Meeting	Focus Group Meeting: Northern Cape Department of Roads & Public Works
Date	Thursday 26 May 2016	Time	8:00
		Venue	45 Schmidtsdrift Road, Kimberley

Organisation	Name & Postal Address	Contact Details	Signature
1 ASPSA Designation Env. Manager	MP VAN HEERDEN 103 ANCORLEY BUILDINGS, 44 5407 STR. UPTINGTON 8800	Tel : Fax : Cell : 084 523 4497 E-mail : hp.vanheerden@cabnetna.com	
2 DRPW Designation Civil Technician	M. S. THOLE 45 Schmidtsdrift Road Kimberley 8301	Tel : 053 861 9653 Fax : Cell : 073 253 1456 E-mail : M.S.Thole@ncpg.gov.za	
3 DRPW Designation Engineer	R. Meatsoso 45 Schmidtsdrift Rd Kby 8301	Fax : Cell : 072 727 7043 E-mail : r.meatsoso@vedamwaf.co.za	
4 EAP Designation	Michelle Woodley	Tel : 011 356 Fax : 011 Cell : E-mail :	
5 Savannah Environmental Designation	G. Wood	Tel : 011 656 3237 Fax : Cell : 083 458 5570 E-mail : gabriel@savannahsa.com	



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**PROPOSED RE-ALIGNMENT OF A SECTION OF
OG73 ROAD TO ACCOMMODATE SOLAR ENERGY
FACILITIES NEAR PAULPUTS SUBSTATION,**

NORTHERN CAPE PROVINCE

PUBLIC PARTICIPATION PROCESS

BASIC ASSESSMENT PROCESS

FOCUS GROUP MEETING

WILLEM BURGER

ADJACENT LANDOWNER - SQUIT-KLIP 1/92

**HELD ON
26 MAY 2016**

**VENUE
9 SPRINGBOK ROAD, POFADDER, NORTHERN
CAPE PROVINCE**

Savannah Environmental (Pty) Ltd

Contact: Gabriele Wood

Address: PO Box 148
Sunninghill, 2157

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Notes for the Record prepared by:

Savannah Environmental

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**PROPOSED RE-ALIGNMENT OF A SECTION OF OG73 ROAD TO ACCOMMODATE
SOLAR ENERGY FACILITIES NEAR PAULPUTS SUBSTATION, NORTHERN CAPE
PROVINCE**

Venue: 9 Springbok Road, Pofadder

Date: 26 May 2016

Time: 16:30

WELCOME AND INTRODUCTION

Michelle Moodley of Savannah Environmental welcomed all in attendance and introduced herself as the Public Participation Consultant for the Environmental Impact Assessment (Basic Assessment) process being undertaken for the proposed re-alignment of a section of the OG73 Road to accommodate solar facilities near the Paulputs Substation in the Northern Cape Province. She said that Abengoa Solar Power South Africa (Abengoa) intend to submit a wayleave application to the Northern Cape Department of Roads and Public Works (DRPW) in order to realign the road. She requested the members of the meeting to introduce themselves (refer to attendance register below).

HP van Heerden explained that Savannah Environmental has been appointed as the independent environmental consultancy to undertake the Basic Assessment process required in terms of the EIA Regulations, 2014 and that the applicant for the road realignment will be the DRPW.

HP van Heerden thanked the members of the meeting for the opportunity to brief them about the proposed project. He noted that the purpose of the meeting was to present the background of the project, provide an overview of the environmental assessment process and present the anticipated environmental impacts associated with the road realignment project that would be assessed. Michelle Moodley noted that any issues raised would be recorded as part of the public participation process and included in the Comments and Responses Report which would be appended to the Basic Assessment Report that would be submitted to the Northern Cape Department of Environment and Nature Conservation (DENC).

MEETING ATTENDEES

Name	Organisation
Willem Burger (WB)	Farm Scuitklip 1/92 – Adjacent Landowner
HP van Heerden (HPvH)	Abengoa Solar SA – Environmental Manager
Michelle Moodley (MM)	Savannah Environmental - Environmental Consultant

APOLOGIES

None

BACKGROUND & TECHNICAL ASPECTS REGARDING THE PROPOSED PROJECT

Michelle Moodley and HP van der Heerden presented the background and introduction to the project and provided an overview of the anticipated environmental impacts that would be assessed within the Basic Assessment process (refer to attached presentation).

DISCUSSION SESSION

Question / Comment	Response
WB expressed that he had no issues with the development. WB wanted to know if the road re-alignment would remain within the applicant's property. WB wanted to know when construction will start. WB stated that the OG73 is in a very poor state at the moment.	HPvH: Yes the road would remain within Portion 4 of the farm Scuitklip 92. Construction will commence with the construction of the Paulputs CSP Project. MM: After re-alignment OG 73 will be in a much better state HPvH: A road maintenance plan will be submitted to the DRPW.

WAY FORWARD AND CLOSURE

In closing Michelle Moodley noted that the draft Basic Assessment Report would be made available in due course. She stated that the comments received would be responded to and included in the final Basic Assessment Report that would be submitted to the Department of Environment and Nature Conservation. She thanked the members of the meeting for availing themselves for the meeting and the inputs which were provided.



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NORTHERN CAPE PROVINCE

PUBLIC PARTICIPATION PROCESS

BASIC ASSESSMENT PROCESS

FOCUS GROUP MEETING

FANIE VAN DER HEEVER

ADJACENT LANDOWNER - SCUIT-KLIP 1/92

**HELD ON
26 MAY 2016**

**VENUE
FARM SCUIT-KLIP 1/92, NORTHERN CAPE
PROVINCE**

Savannah Environmental (Pty) Ltd

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Notes for the Record prepared by:

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**PROPOSED RE-ALIGNMENT OF A SECTION OF OG73 ROAD TO ACCOMMODATE
SOLAR ENERGY FACILITIES NEAR PAULPUTS SUBSTATION, NORTHERN CAPE
PROVINCE**

Venue: Farm Scuit-klip 1/92

Date: 26 May 2016

Time: 15:30

WELCOME AND INTRODUCTION

Gabriele Wood of Savannah Environmental welcomed all in attendance and introduced herself as the Public Participation Consultant for the Environmental Impact Assessment (Basic Assessment) process being undertaken for the proposed re-alignment of a section of the OG73 Road to accommodate solar facilities near the Paulputs Substation in the Northern Cape Province. She said that Abengoa Solar Power South Africa (Abengoa) intend to submit a wayleave application to the Northern Cape Department of Roads and Public Works (DRPW) in order to realign the road. She requested the members of the meeting to introduce themselves (refer to attendance register below).

Gabriele Wood explained that Savannah Environmental has been appointed as the independent environmental consultancy to undertake the Basic Assessment process required in terms of the EIA Regulations, 2014 and that the applicant for the road realignment will be the DRPW.

Gabriele Wood thanked the members of the meeting for the opportunity to brief them about the proposed project. She noted that the purpose of the meeting was to present the background of the project, provide an overview of the environmental assessment process and present the anticipated environmental impacts associated with the road realignment project that would be assessed. She noted that any issues raised would be recorded as part of the public participation process and included in the Comments and Responses Report which would be appended to the Basic Assessment Report that would be submitted to the Northern Cape Department of Environment and Nature Conservation (DENC).

MEETING ATTENDEES

Name	Organisation
Fanie van der Heever (FvdH)	Farm Scuitklip 1/92 – Adjacent Landowner
Charles Lubbe (CL)	Savannah Environmental – Environmental Control Officer
Gabriele Wood (GW)	Savannah Environmental – Public Participation and Social Consultant

APOLOGIES

None

BACKGROUND & TECHNICAL ASPECTS REGARDING THE PROPOSED PROJECT

Gabriele Wood presented the background and introduction to the project and provided an overview of the anticipated environmental impacts that would be assessed within the Basic Assessment process (refer to attached presentation).

DISCUSSION SESSION

Question / Comment	Response
FvdH: I do not have an objection to the road being realigned. It is important that the construction of the new road be done properly and that it is adequately maintained. We are currently experiencing issues regarding storm water runoff from the existing Abengoa project which floods the Paulputs road when it rains. Proper storm water management systems must be constructed.	CL: Abengoa are investigating ways in which to address the storm water runoff on the existing site. GW: A storm water management plan will form part of the Environmental Management Programme (EMPr) that will be compiled as part of the Basic Assessment process. GW: The new road will be constructed by the EPC contractor appointed for the project. The road will be maintained the contractor during construction phase. Abengoa are required to submit a Maintenance Plan for the road to the DRPW for the operation of the project.

WAY FORWARD AND CLOSURE

In closing Gabriele Wood noted that the draft Basic Assessment Report would be made available in due course. She stated that the comments received would be responded to and included in the final Basic Assessment Report that would be submitted to the Department of Environment and Nature Conservation. She thanked the members of the meeting for availing themselves for the meeting and the inputs which were provided.



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OG73 ROAD TO ACCOMMODATE SOLAR ENERGY
FACILITIES NEAR PAULPUTS SUBSTATION,**

NORTHERN CAPE PROVINCE

PUBLIC PARTICIPATION PROCESS

BASIC ASSESSMENT PROCESS

FOCUS GROUP MEETING

DEPARTMENT OF WATER AND SANITATION

**HELD ON
27 MAY 2016**

VENUE

DWS OFFICES, LOUISVALE ROAD, UPINGTON

Savannah Environmental (Pty) Ltd

Contact: Gabriele Wood

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Notes for the Record prepared by:

Savannah Environmental

Please address any comments to Gabriele Wood at the above address.

PROPOSED RE-ALIGNMENT OF A SECTION OF OG73 ROAD TO ACCOMMODATE SOLAR ENERGY FACILITIES NEAR PAULPUTS SUBSTATION, NORTHERN CAPE PROVINCE

Venue: Department of Water and Sanitation, Louisvale Road, Upington

Date: 25 May 2016

Time: 09:00

WELCOME AND INTRODUCTION

Gabriele Wood of Savannah Environmental welcomed all in attendance and introduced herself as the Public Participation Consultant for the Environmental Impact Assessment (Basic Assessment) process being undertaken for the proposed re-alignment of a section of the OG73 Road to accommodate solar facilities near the Paulputs Substation in the Northern Cape Province. She said that Abengoa Solar Power South Africa (Abengoa) intend to submit a wayleave application to the Northern Cape Department of Roads and Public Works (DRPW) in order to realign the road. She requested the members of the meeting to introduce themselves (refer to attendance register below).

Gabriele Wood explained that Savannah Environmental has been appointed as the independent environmental consultancy to undertake the Basic Assessment process required in terms of the EIA Regulations, 2014 and that the applicant for the road realignment will be the DRPW.

Gabriele Wood thanked the members of the meeting for the opportunity to brief them about the proposed project. She noted that the purpose of the meeting was to present the background of the project, provide an overview of the environmental assessment process and present the anticipated environmental impacts associated with the road realignment project that would be assessed. She noted that any issues raised would be recorded as part of the public participation process and included in the Comments and Responses Report which would be appended to the Basic Assessment Report that would be submitted to the Northern Cape Department of Environment and Nature Conservation (DENC).

MEETING ATTENDEES

Name	Organisation
Chantel Schwartz (CS)	Department of Water and Sanitation
Mr. M Cebekhulu (MC)	Department of Water and Sanitation
HP Van Heerden (HvH)	Abengoa Solar Power South Africa – Environmental Manager
Michelle Moodley (MM)	Savannah Environmental – Environmental Consultant

Name	Organisation
Gabriele Wood (GW)	Savannah Environmental – Public Participation and Social Consultant

APOLOGIES

None

BACKGROUND & TECHNICAL ASPECTS REGARDING THE PROPOSED PROJECT

Michelle Moodley presented the background and introduction to the project and provided an overview of the anticipated environmental impacts that would be assessed within the Basic Assessment process (refer to attached presentation).

DISCUSSION SESSION

Question / Comment	Response
CS: Will drainage lines be impacted on by the proposed road realignment?	MM: No surface water issues have been identified by the aquatic specialist in terms of the road realignment.
MC: What environmental studies will be undertaken for the road realignment? When will the studies be undertaken.	MM: The studies which will be undertaken for the road realignment include: <ul style="list-style-type: none"> • Visual Impact Assessment • Social Impact Assessment • Ecological Impact Assessment • Heritage Impact Assessment • Traffic Impact Assessment These studies will be undertaken in June 2016.
MC: Who owns the property where the proposed road realignment is to be undertaken?	HvH: The property belongs to Abengoa.
MC: When will the public participation process for the draft Basic Assessment take place?	MM: Focus group meetings have been held with the adjacent landowners and further consultations will take place during the 30-day public review period of the draft Basic Assessment Report.

WAY FORWARD AND CLOSURE

In closing Gabriele Wood noted that the draft Basic Assessment Report would be made available in due course. She stated that the comments received would be responded to and included in the final Basic Assessment Report that would be submitted to the Department of Environment and Nature Conservation. She thanked the members of the meeting for availing themselves for the meeting and the inputs which were provided.

An aerial photograph of a concentrated solar power (CSP) plant. The central feature is a tall, white cylindrical tower. Surrounding the tower are thousands of heliostats (mirrors) that reflect sunlight onto the tower. The heliostats are arranged in a grid pattern, with some rows curving around the tower. The ground is a mix of brown and blue, indicating the desert environment. In the background, there are low mountains under a blue sky with some clouds. The text is overlaid on the top half of the image.

**Paulputs Concentrated Solar Power
Project and
Re-alignment of a Section of the OG73
NORTHERN CAPE PROVINCE**

**Public Meeting
26 May 2016**

MEETING AGENDA

- Welcome and introduction
- Purpose of the meeting
- Project information
- EIA process followed
- Basic Assessment process
- Way forward
- Discussion/questions

CONDUCT OF THE MEETING

- Work through the facilitator
- Language of choice
- Questions to be taken during the discussion session
- Identify yourself
- Equal participation
- Cellphone etiquette















INTRODUCTION

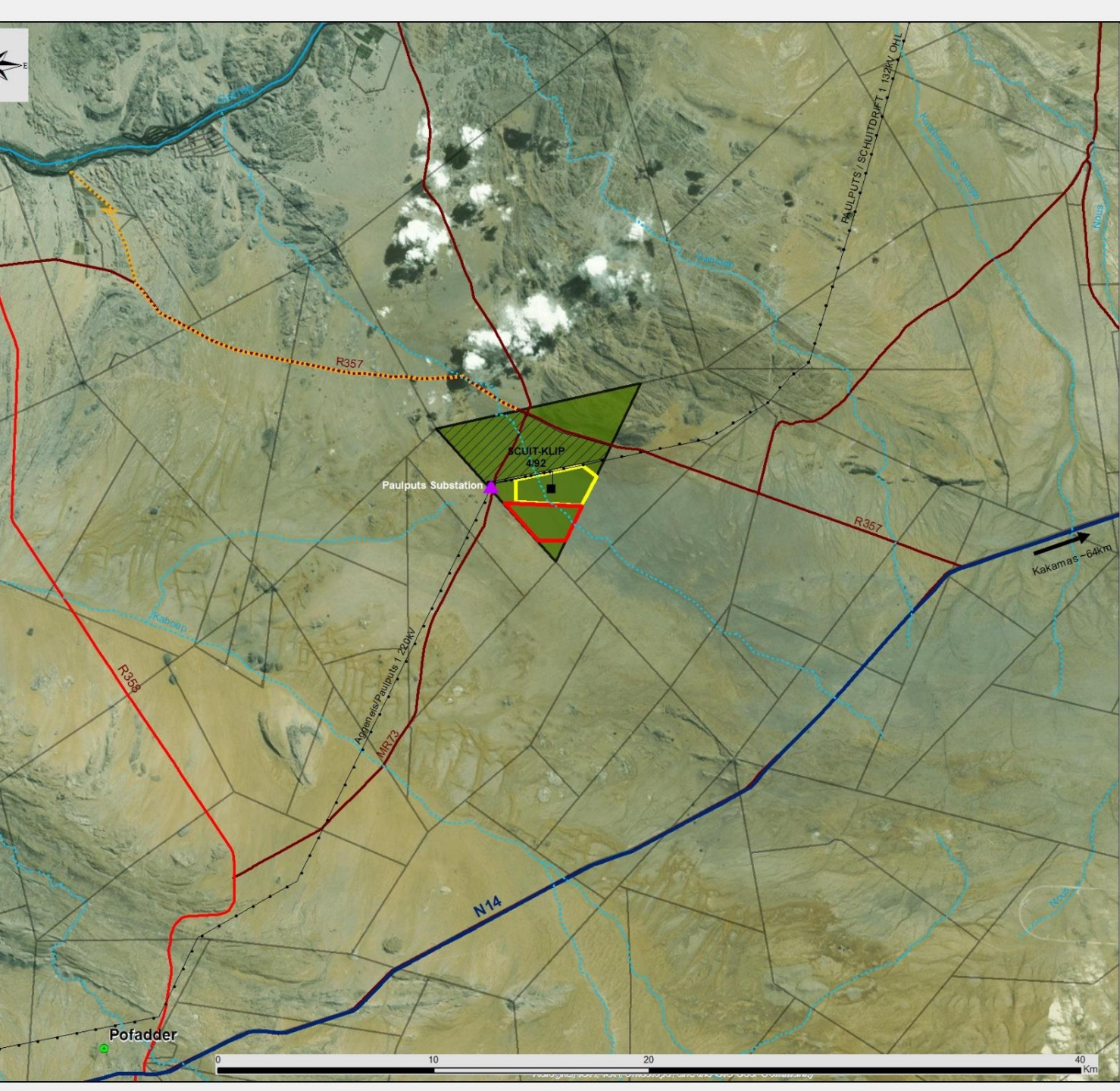
- Development of a 200MW concentrated solar power (CSP) facility: Paulputs CSP Project and
- Proposed realignment of a 4km section of the OG73
- Applicant –
 - CSP Project: Paulputs CSP RF (Pty) Ltd and
 - OG73 Re-align: Northern Cape Department of Roads and Public Works.
- Bid the project - Department of Energy REIPPP Programme
- Location – Portion 4 of the farm Scuitklip 92, ~ 40km north-east of Pofadder and 90 km south west of Kakamas in the Khai-Ma Local Municipality (Namakwa District Municipality) in the Northern Cape.

PAULPUTS CSP PROJECT, NORTHERN CAPE PROVINCE

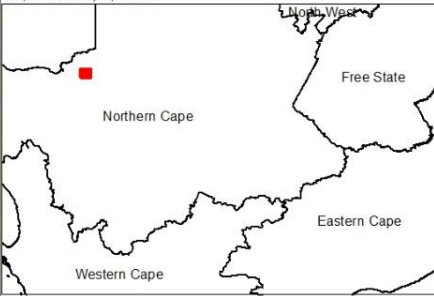
Locality Map

Legend

-  National road
-  Regional road
-  Main road
-  Perennial
-  Non-perennial
-  Eskom Powerline
-  KaXu Substation
-  Paulputs Substation
-  Farm Portions
-  Paulputs CSP Project Development Site
-  Water Pipeline Corridor
-  Xina Solar One (under construction)
-  Existing KaXu Solar One
-  Affected farm portion

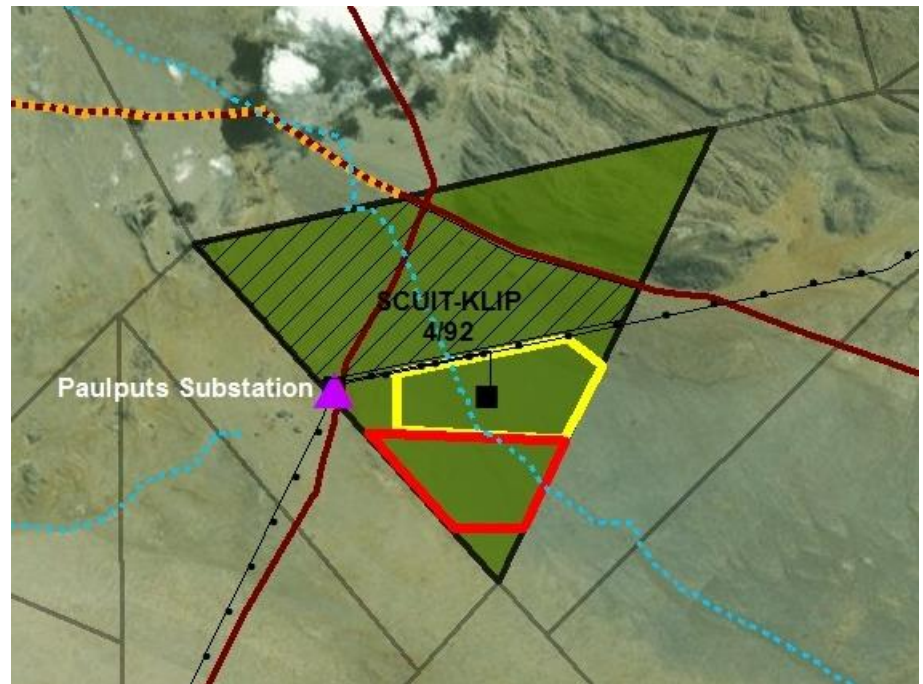


Paulputs CSP - Locality map - 15.08.15



PROJECT INFORMATION: GRID CONNECTION

- Grid connection option:
 - existing Paulputs Transmission Substation on site;



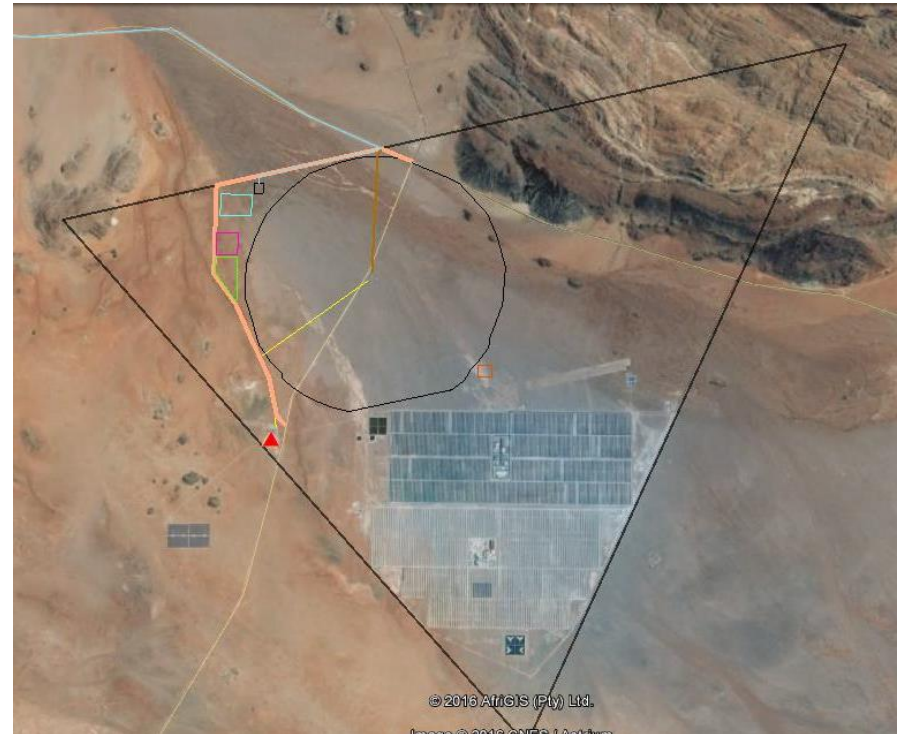
PROJECT INFORMATION: CSP TECHNOLOGY

Molten Salt Technology (for 5 hours of storage)
& associated infrastructure (~900ha):

- a field of heliostats and a central receiver, known as a power tower
- access roads
- substation
- power line
- office buildings & other associated infrastructure

PROJECT INFORMATION: OG73 RE-ALIGNMENT

- Re-alignment routing option:
 - 4km of a section of the OG73 will be realigned around and along the western portion of the heliostat field on Portion 4 of the Farm Scuitklip 92



PROJECT INFORMATION: OG73 RE-ALIGNMENT

- Construction of new 6 km (length) and 7m wide OG73 to replace decommissioned portion
- Decommissioning of 4 km of existing OG73
 - Asphalt rupture by mechanical procedures
 - Loading and transportation of the removed material to an authorized waste disposal facility

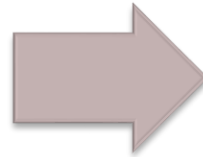
EIA PROCESS

- National Environmental Management Act (No 107 of 1998): EIA Regulations 2014
- An application for Environmental Authorisation has been/will be submitted under the EIA Regulations
- Competent Authorities:
 - CSP Project: National Department of Environmental Affairs
 - OG73 Re-alignment: Northern Cape Department of Environment and Nature Conservation

EIA PROCESS CSP PROJECT

Scoping Phase Study

- Desk-top study - identify potential environmental issues associated with the project



EIA Phase Assessment

- Detailed study – assess significance of potential impacts identified in the Scoping Phase.

BASIC ASSESSMENT PROCESS

OG73 RE-ALIGNMENT

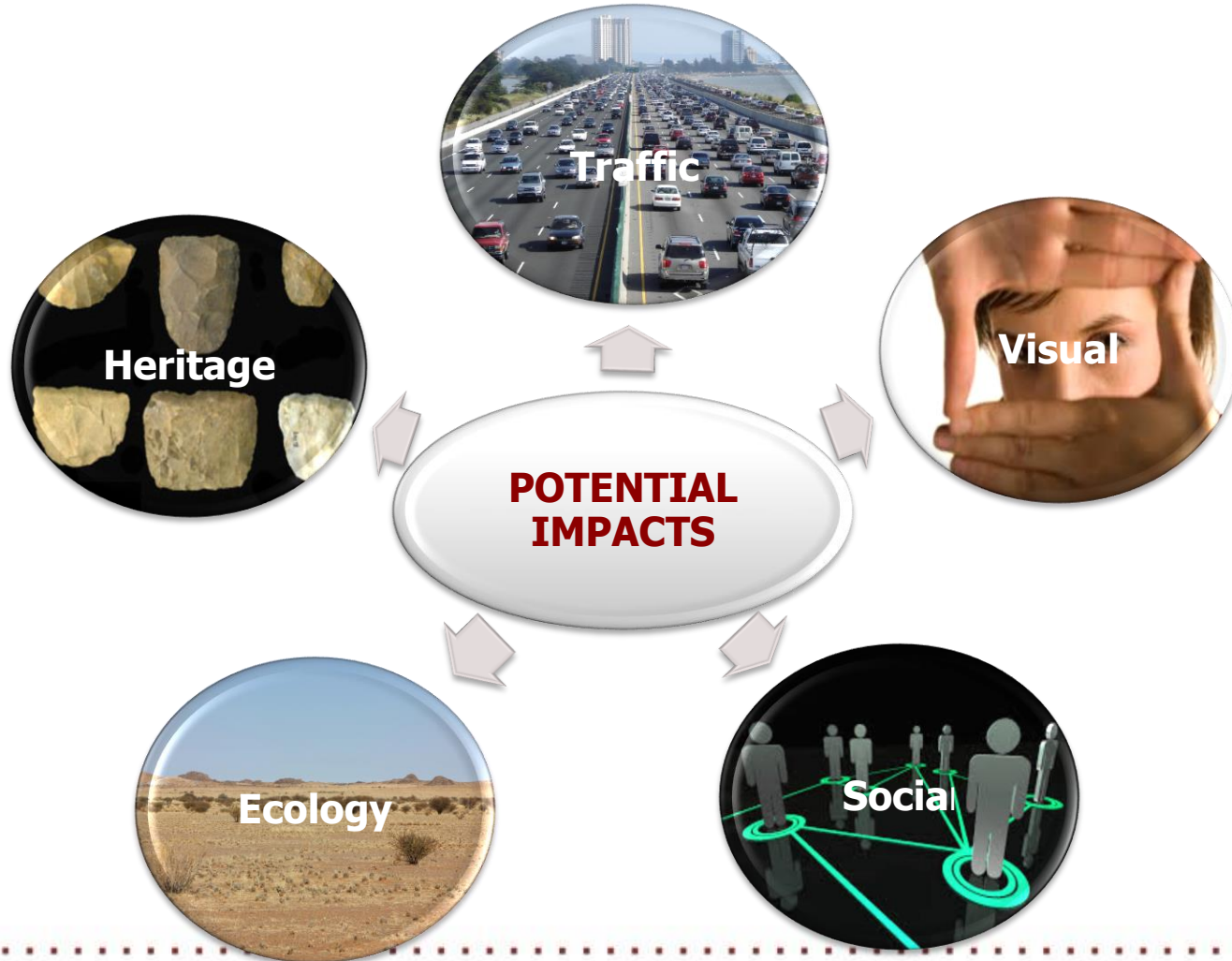
Basic Assessment

- Specialist studies - identify potential environmental issues associated with the project
- Assess significance of potential impacts identified in the specialist report

POTENTIAL ENVIRONMENTAL IMPACTS: CSP PROJECT



POTENTIAL ENVIRONMENTAL IMPACTS: OG73 RE-ALIGNMENT



PAULPUTS CSP PROJECT, NORTHERN CAPE PROVINCE

Facility Layout Map and
Environmental Sensitivities



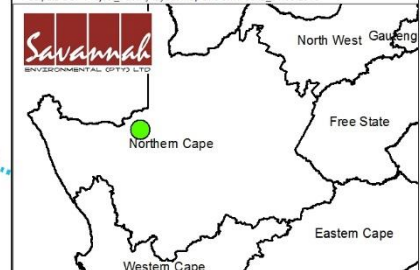
Legend

- ▲ Paulputs Substation
- Existing Substation for KaXu Solar 1
- Existing KaXu CSP Facility
- Existing Xina CSP Facility
- Existing Powerline
- National route
- Regional road
- Main road
- Perennial river
- Non-Perennial river
- Affected farm portion
- Farm Portions

Layout:

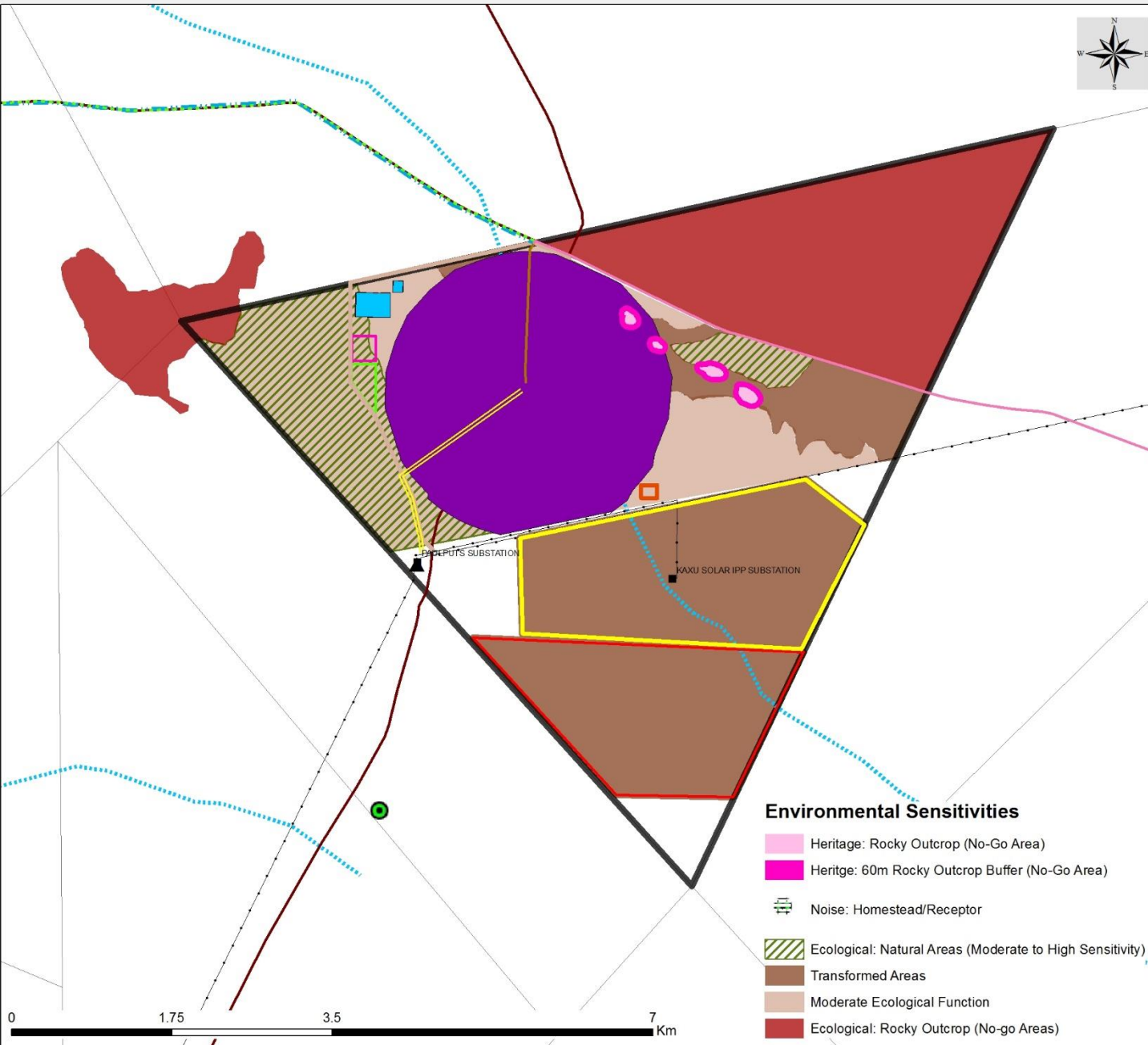
- Staff Accommodation
- Laydown Area
- Heliostat Temporary Laydown Area
- Tower Line
- Water Pipeline
- Reroute of OG73
- Alternative Access Road 1
- Alternative Access Road 2
- Evaporation Ponds
- Paulputs 200MW Tower

Scale: 1:40 000
Paulputs CSP Project_Facility layout map and envr sens_04.05.2016



Environmental Sensitivities

- Heritage: Rocky Outcrop (No-Go Area)
- Heritage: 60m Rocky Outcrop Buffer (No-Go Area)
- Noise: Homestead/Receptor
- Ecological: Natural Areas (Moderate to High Sensitivity)
- Transformed Areas
- Moderate Ecological Function
- Ecological: Rocky Outcrop (No-go Areas)



WAY FORWARD: CSP PROJECT

- Review period of the Draft EIA Report:
 - 4 May 2016 – 3 June 2016
 - Written comments or questions to be submitted by 3 June 2016
- Minute any issues / concerns from I&APs from the public meeting
- Incorporate issues and concerns raised during the Public Participation Process into the Final EIA Report
- Submit Final EIA Report to DEA for decision-making

WAY FORWARD

OG73 RE-ALIGNMENT

- Basic Assessment Report for public review :
 - 30 days
 - Written comments or questions to be submitted
- Minute any issues / concerns from I&APs from the public meeting
- Incorporate issues and concerns raised during the Public Participation Process into the Final BAR
- Submit Final BAR to DENC for decision-making



DISCUSSION / QUESTIONS

WHO TO CONTACT

Gabriele Wood of Savannah
Environmental

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E-mail: gabriele@savannahsa.com

RECORD OF TELEPHONE DISCUSSION

To: Harmse Steenekamp **Tel No.:** 083-942-4649
Company: Adjacent Landowner
From: Thalita Botha **Date:** 15/08/2016
Project: SE1599
Subject: Social Information

Thalita Botha of Savannah Environmental contacted Mr Steenekamp to inform him that Savannah Environmental is undertaking the Basic Assessment process for the realignment of the MN73 for the construction of the Paulputs CSP Facility and that a meeting with him was scheduled for the 17th August 2016. Thalita then explained that Savannah Environmental is in the process of conducting the Social Impact Assessment and that the purpose for the meeting is to determine how the project will impact him and he's daily activities. Thalita then asked if he is comfortable to answer several questions on the phone, or if he would prefer the meeting already scheduled. Mr Steenekamp informed her that he is comfortable with answering questions on the phone and that there is no need for the meeting.

Thalita explained that the realignment will only take place on the Farm Scuitklip 4/92 and that the road will be longer by an additional 2km and then proceeded to ask the several social questions:

1. Do you reside on your farm? Mr Steenekamp informed her that no one is currently residing on the farm.
2. What activities are currently taking place on your farm? Mr Steenekamp informed her that he utilises the farm for sheep farming.
3. Do you have any cultivated land? Mr Steenekamp informed her that there is no cultivated land and the farm is only utilised for sheep.
4. Do you travel along the section of the MN73 road, and how often? Mr Steenekamp informed her that he travels the MN73 daily to his farm.

5. During the realignment of the road, there could be adjustments in accessing your farm or river, will this inconvenience you? Mr Steenekamp informed her that the realignment of the road does not inconvenience him, but the value of his farm might decrease during the construction phase.

6. Do you have any concerns with safety and security during the realignment process? Mr Steenekamp informed her that he does not have any concerns regarding security and safety as his property is fenced off.

7. There will be an increase in traffic from the construction vehicles and trucks on the national road and the internal access road. Is this a concern for you and would this interrupt any of your daily movement patterns? Mr Steenekamp informed her that he does not mind the increase in traffic, but then the developer will need to upgrade the MN73 as the road is already in a terrible condition and will get even worse with the increase in traffic.

8. There will be normal construction noise and dust from the development. Would the noise and dust have any impact on your day-to-day activities or lifestyle? Mr Steenekamp informed her that he does not have any concerns regarding noise or dust as his farm is situated approximately 20km away.

9. Do you foresee the proposed alignment of the road having an effect/impact on your farming activities? Mr Steenekamp notified her that he does not foresee that the realignment of the road will have an impact on his farming activities.

10. Do you have any other questions or social concerns? Mr Steenekamp informed her that he does not have any other concerns except for the deterioration of the road.

11. Are you in support of the proposed alignment? Mr Steenekamp informed her that he does not mind the realignment of the MN73.

Thalita then thanked Mr Steenekamp for the inputs which were provided, and notified him that if he has any other questions regarding the road realignment, he is welcome to contact her.

5. During the realignment of the road, there could be adjustments in accessing your farm or river, will this inconvenience you? Mr Marais informed her that these solar renewable energy projects bring a lot of advantages to the area and it does not inconvenience him.

6. Do you have any concerns with safety and security during the realignment process? Mr Marais informed her that he does not have any concerns regarding security and safety.

7. There will be an increase in traffic from the construction vehicles and trucks on the national road and the internal access road. Is this a concern for you and would this interrupt any of your daily movement patterns? Mr Marais informed her that because he does not live on the farm, this won't really impact him.

8. There will be normal construction noise and dust from the development. Would the noise and dust have any impact on your day-to-day activities or lifestyle? Mr Marais informed her that he does not have any concerns regarding noise or dust as he's farm is situated approximately 20km away.

9. Do you foresee the proposed alignment of the road having an effect/impact on your farming activities? Mr Marais notified her that he does not foresee that the realignment of the road will have an impact on his farming activities.

10. Do you have any other questions or social concerns? Mr Marais informed her that he does not have any concerns.

11. Are you in support of the proposed alignment? Mr Marais informed her that he does not mind the realignment of the MN73.

Thalita then thanked Mr Marais for the inputs which were provided, and notified him that if he has any other questions regarding the road realignment, he is welcome to contact her.

RECORD OF TELEPHONE DISCUSSION

To: Elize Swart **Tel No.:** 021-949-5714
Company: Adjacent Landowner
From: Thalita Botha **Date:** 17/08/2016
Project: SE1599
Subject: Social Information

Thalita Botha of Savannah Environmental contacted Mrs Swart to inform her that Savannah Environmental is undertaking the Basic Assessment process for the realignment of the MN73 for the construction of the Paulputs CSP Facility. Thalita then explained that Savannah Environmental is in the process of conducting the Social Impact Assessment and that the purpose for the call is to determine how the project will impact her and her daily activities. Thalita then asked if she is comfortable to answer several questions on the phone, or if she would prefer that a meeting be scheduled. Mrs Swart informed her that she is comfortable with answering questions on the phone and that there is no need for the meeting.

Thalita explained that the realignment will only take place on the Farm Scuitklip 4/92 and that the road will be longer by an additional 2km and then proceeded to ask the several social questions:

1. Do you reside on your farm? Mrs Swart informed her that no one is currently residing on the farm. There was tenants previously on the farm but currently her family utilises the farm during holidays. They are planning to lease out the farm as soon the drought passes and the soil had time to recover.
2. What activities are currently taking place on your farm? Mrs Swart informed her that the farm isn't utilised for any farming activities due to the drought, but there are some free roaming game.
3. Do you have any cultivated land? Mrs Swart informed her that there is no cultivated land.

4. Do you travel along the section of the MN73 road, and how often? Mrs Swart informed her that she only travels the MN73 during holidays when she visits the farm.

5. During the realignment of the road, there could be adjustments in accessing your farm or river, will this inconvenience you? Mrs Swart informed her that the realignment of the road does not inconvenience her as she doesn't live on the farm permanently. Furthermore, she utilises the Onseepkans road when visiting the farm.

6. Do you have any concerns with safety and security during the realignment process? Mrs Swart informed her that she has concerns regarding security and safety. She also stated that the farm was previously utilised for sheep farming but that they had several incidences regarding theft which was especially high during the construction of the Xina trough facility. Mrs Swart further stated that if the road is to be constructed, provision will have to be made to protect livestock against theft, especially as Mrs Swart and her family are planning to farm sheep in the future.

7. There will be an increase in traffic from the construction vehicles and trucks on the national road and the internal access road. Is this a concern for you and would this interrupt any of your daily movement patterns? Mrs Swart informed her that the increase in traffic will definitely increase the chance of sheep getting run over as this was also experienced during the construction of the Xina trough facility.

8. There will be normal construction noise and dust from the development. Would the noise and dust have any impact on your day-to-day activities or lifestyle? Mrs Swart informed her that when the dust accumulated on the grass and plants, the sheep does not eat it. This will impact the farm as they are planning to utilise the farm for grazing (sheep).

9. Do you have any other questions or social concerns? Mrs Swart informed her that she does not have any concerns other than the issues already raised.

Thalita then thanked Mrs Swart for the inputs which were provided, and notified her that if she has any other questions regarding the road realignment, she is welcome to contact her.

4. Do you travel along the section of the MN73 road, and how often? Mrs Pennedeeg informed her that she travels the MN73 daily.

5. During the realignment of the road, there could be adjustments in accessing your farm or river, will this inconvenience you? Mrs Pennedeeg informed her that the realignment of the road does not inconvenience her.

6. Do you have any concerns with safety and security during the realignment process? Mrs Pennedeeg informed her that she does have concerns regarding theft of game.

7. There will be an increase in traffic from the construction vehicles and trucks on the national road and the internal access road. Is this a concern for you and would this interrupt any of your daily movement patterns? Mrs Pennedeeg informed her that he does not mind the increase in traffic.

8. There will be normal construction noise and dust from the development. Would the noise and dust have any impact on your day-to-day activities or lifestyle? Mrs Pennedeeg does have concerns regarding dust on the grass and plants and informed Thalita that the animals refuse to eat grass and plants with accumulated dust on it. She also informed Thalita that she does not mind the noise as the farm house is approximately 14km from the road.

9. Do you have any other questions or social concerns? Mrs Pennedeeg informed her that she does not have any concerns other than the dust and security of the game.

Thalita then thanked Mrs Pennedeeg for the inputs which were provided, and notified her that if she has any other questions regarding the road realignment, she is welcome to contact her.

RECORD OF TELEPHONE DISCUSSION

To: Jenetta Sophia Henning **Tel No.:** 082-928-3779
Company: Adjacent Landowner
From: Thalita Botha **Date:** 17/08/2016
Project:
Subject: Social Information

Thalita Botha of Savannah Environmental contacted Mrs Henning to inform her that Savannah Environmental is undertaking the Basic Assessment process for the realignment of the MN73 for the construction of the Paulputs CSP Facility. Thalita then explained that Savannah Environmental is in the process of conducting the Social Impact Assessment and that the purpose for the calling is to determine how the project will impact her and her daily activities. Thalita then asked if she is comfortable to answer several questions on the phone, or if she would prefer that a meeting be scheduled. Mrs Henning informed her that she is comfortable with answering questions on the phone as she does not live on the farm but in Lambert's Bay.

Thalita explained that the realignment will only take place on the Farm Scuitklip 4/92 and that the road will be longer by an additional 2km and then proceeded to ask the several social questions:

1. Do you reside on your farm? Mrs Henning informed her that no one is currently residing on the farm. There was tenants previously on the farm but currently her family utilises the farm during holidays.

2. What activities are currently taking place on your farm? Mrs Henning informed her that the farm isn't utilised for any farming activities, but there are some free roaming game.

3. Do you have any cultivated land? Mrs Henning informed her that there is no cultivated land.

4. Do you travel along the section of the MN73 road, and how often? Mrs Henning informed her that she only travels the MN73 during holidays.

5. During the realignment of the road, there could be adjustments in accessing your farm or river, will this inconvenience you? Mrs Henning informed her that the realignment of the road does not inconvenience her as she doesn't live on the farm permanently.

6. Do you have any concerns with safety and security during the realignment process? Mrs Henning informed her that she does not have any concerns regarding security and safety as there isn't really anything at risk.

7. There will be an increase in traffic from the construction vehicles and trucks on the national road and the internal access road. Is this a concern for you and would this interrupt any of your daily movement patterns? Mrs Henning informed her that she does not mind the increase in traffic as she does not reside on the farm permanently.

8. There will be normal construction noise and dust from the development. Would the noise and dust have any impact on your day-to-day activities or lifestyle? Mrs Henning informed her that she does not have any concerns regarding noise or dust as the farm house is situated approximately 7km from the MN73.

9. Do you have any other questions or social concerns? Mrs Henning informed her that she does not have any other concerns and that she does not mind the realignment of the MN73 as she utilises the R357 (Onseepkans road) to access the farm.

Thalita then thanked Mrs Henning for the inputs which were provided, and notified her that if she has any other questions regarding the road realignment, she is welcome to contact her.

5. During the realignment of the road, there could be adjustments in accessing your farm or river, will this inconvenience you? Mr Markram informed her that the realignment of the road does not inconvenience him.

6. Do you have any concerns with safety and security during the realignment process? Mr Markram informed her that he does not have any concerns regarding security and safety.

7. There will be an increase in traffic from the construction vehicles and trucks on the national road and the internal access road. Is this a concern for you and would this interrupt any of your daily movement patterns? Mr Markram informed her that the increase in traffic will not have an impact on him, but he has concerns regarding the maintenance of the road and feels that the road should be maintained regularly if it is utilised for the project.

8. There will be normal construction noise and dust from the development. Would the noise and dust have any impact on your day-to-day activities or lifestyle? Mr Markram informed her that he has concerns regarding dust as the animals won't eat grass and plants that has accumulated dust on.

9. Do you foresee the proposed alignment of the road having an effect/impact on your farming activities? Mr Markram informed her that the dust on the grass and plants might impact her's farming activities.

10. Do you have any other questions or social concerns? Mr Markram informed her that he does not have any concerns other than the issues already raised.

11. Are you in support of the proposed alignment? Mr Markram informed her that he does not mind the realignment of the MN73.

Thalita then thanked Mr Markram for the inputs which were provided, and notified him that if he has any other questions regarding the road realignment, he is welcome to contact her.

RECORD OF TELEPHONE DISCUSSION

To: Francois van der Heever **Tel No.:** 082-388-8396
Company: Adjacent Landowner
From: Thalita Botha **Date:** 22/08/2016
Project: SE1599
Subject: Social Information

Thalita Botha of Savannah Environmental contacted Mr Markram inform him that Savannah Environmental is undertaking the Basic Assessment process for the realignment of the MN73 for the construction of the Paulputs CSP Facility. She also informed him that the realignment will only take place on the Farm Scuitklip 4/92 and that the road will be longer by an additional 2km. Thalita then explained Savannah Environmental is in the process of conducting the Social Impact Assessment and that the purpose for the call is to determine how the project will impact him and he's daily activities. Thalita then asked if he is comfortable to answer several questions on the phone, or if he would prefer that a meeting be set up.

Mr van der Heerver informed her that he is comfortable with answering questions on the phone and that there is no need to set-up a meeting. Thalita Botha then proceeded to ask the several social questions:

1. Do you reside on your farm? Mr van der Heerver informed her that 10 people currently resides on the farm, including himself and 4 farm workers.
2. What activities are currently taking place on your farm? Mr van der Heerver informed her that he utilises the farm for livestock (sheep, cattle and pigs) and game farming.
3. Do you have any cultivated land? Mr van der Heerver informed her that there is no cultivated land and the farm is only utilised for livestock farming.
4. Do you travel along the section of the MN73 road, and how often? Mr van der Heerver informed her that he travels the MN73 daily to Pofadder

5. During the realignment of the road, there could be adjustments in accessing your farm or river, will this inconvenience you? Mr van der Heerver informed her that the realignment of the road does not inconvenience him.

6. Do you have any concerns with safety and security during the realignment process? Mr van der Heerver informed her that he has concerns regarding theft of game and livestock, especially since he lives close to the area where the realignment is proposed.

7. There will be an increase in traffic from the construction vehicles and trucks on the national road and the internal access road. Is this a concern for you and would this interrupt any of your daily movement patterns? Mr van der Heerver informed her that the increase in traffic will not have an impact on him, but he has concerns regarding the quality of the road will decrease.

8. There will be normal construction noise and dust from the development. Would the noise and dust have any impact on your day-to-day activities or lifestyle? Mr van der Heerver informed her that he has concerns regarding dust and explained that during the construction of KaXu Solar One, animals died due to the increase in dust.

9. Do you foresee the proposed alignment of the road having an effect/impact on your farming activities? Mr van der Heerver informed her that the dust and the theft of game and livestock will impact his farming activities.

10. Do you have any other questions or social concerns? Mr van der Heerver informed her that he does not have any concerns other than the issues already raised.

11. Are you in support of the proposed alignment? Mr van der Heerver informed her that he does not mind the realignment of the MN73.

Thalita then thanked Mr van der Heerver for the inputs which were provided, and notified him that if he has any other questions regarding the road realignment, he is welcome to contact her.

RECORD OF TELEPHONE DISCUSSION

To: Willem Burger **Tel No.:** 054-933-0250
Company: Adjacent Landowner
From: Thalita Botha **Date:** 25/08/2016
Project: SE1599
Subject: Social Information

Thalita Botha of Savannah Environmental contacted Mr Burger inform him that Savannah Environmental is undertaking the Basic Assessment process for the realignment of the MN73 for the construction of the Paulputs CSP Facility. She also informed him that the realignment will only take place on the Farm Scuitklip 4/92 and that the road will be longer by an additional 2km. Thalita then explained Savannah Environmental is in the process of conducting the Social Impact Assessment and that the purpose for the call is to determine how the project will impact him and he's daily activities. Thalita then asked if he is comfortable to answer several questions on the phone, or if he would prefer that a meeting be set up.

Mr Burger informed her that he had a meeting previously with a lady from Savannah Environmental and she did explain the project to him but is comfortable with answering questions on the phone and that there is no need to set-up another meeting. Thalita Botha then proceeded to ask the several social questions:

1. Do you reside on your farm? Mr Burger informed her that no one is currently residing on the farm, and he lives in Pofadder.
2. What activities are currently taking place on your farm? Mr Burger informed her that he utilises the farm for livestock farming (sheep and cattle).
3. Do you have any cultivated land? Mr Burger informed her that there is no cultivated land and the farm is only utilised for livestock farming.

4. Do you travel along the section of the MN73 road, and how often? Mr Burger informed her that he travels the MN73 daily to his farm.

5. During the realignment of the road, there could be adjustments in accessing your farm or river, will this inconvenience you? Mr Burger informed her that the realignment of the road does not inconvenience him.

6. Do you have any concerns with safety and security during the realignment process? Mr Burger informed her that he does not have any concerns regarding security and safety as he's farm is not situated directly next to the MN73.

7. There will be an increase in traffic from the construction vehicles and trucks on the national road and the internal access road. Is this a concern for you and would this interrupt any of your daily movement patterns? Mr Burger informed her that the increase in traffic will not have an impact on him.

8. There will be normal construction noise and dust from the development. Would the noise and dust have any impact on your day-to-day activities or lifestyle? Mr Burger informed her that he does not have concerns regarding noise or dust.

9. Do you foresee the proposed alignment of the road having an effect/impact on your farming activities? Mr Burger informed her that he does not foresee impacts on his farming activities.

10. Do you have any other questions or social concerns? Mr Burger informed her that he does not have any concerns.

11. Are you in support of the proposed alignment? Mr Burger informed her that he does not mind the realignment of the MN73.

Thalita then thanked Mr Burger for the inputs which were provided, and notified him that if he has any other questions regarding the road realignment, he is welcome to contact her.

RECORD OF TELEPHONE DISCUSSION

To: Paul van der Heever **Tel No.:** 084-678-5262
Company: Adjacent Landowner
From: Thalita Botha **Date:** 26/08/2016
Project: SE1599
Subject: Social Information

Thalita Botha of Savannah Environmental contacted Mr van der Heever to inform him that Savannah Environmental is undertaking the Basic Assessment process for the realignment of the MR73 for the construction of the Paulputs CSP Facility. She also informed him that the realignment will only take place on the Farm Scuitklip 4/92 and that the road will be longer by an additional 2km. Thalita then explained Savannah Environmental is in the process of conducting the Social Impact Assessment and that the purpose for the call is to determine how the project will impact him and he's daily activities. Thalita asked if he is comfortable to answer several questions on the phone, or if he would prefer that a meeting be set up.

Mr van der Heever informed her that he is comfortable with answering questions on the phone and that there is no need to set-up a meeting. Thalita Botha then proceeded to ask the several social questions:

1. Do you reside on your farm? Mr van der Heever informed her that no one is currently residing on the farm.
2. What activities are currently taking place on your farm? Mr van der Heever informed her that he utilises the farm for livestock farming (sheep and cattle).
3. Do you have any cultivated land? Mr van der Heever informed her that there is no cultivated land and the farm is only utilised for livestock farming.
4. Do you travel along the section of the MN73 road, and how often? Mr van der Heever informed her that he travels the MN73 daily to his farm.

5. During the realignment of the road, there could be adjustments is accessing your farm or river, will this inconvenience you? Mr van der Heever informed her that the realignment of the road does not inconvenience him.

6. Do you have any concerns with safety and security during the realignment process? Mr van der Heever explained that theft of livestock is a problem in the area and this might increase with an increase in people.

7. There will be an increase in traffic from the construction vehicles and trucks on the national road and the internal access road. Is this a concern for you and would this interrupt any of your daily movement patterns? Mr van der Heever informed her that the increase in traffic will not disrupt his movement patterns but the traffic will definitely increase dust. Soil erosion is another major issue that will need to be addressed. Mr van der Heever then requested that when the specialists conduct their site visits, the specialist considering soil erosion should visit him as he can advise on the areas which are more prone to erosion. Thalita then proceeded to ask if she can give his details to the relevant specialist to contact him during the site visit and Mr van der Heever confirmed.

8. There will be normal construction noise and dust from the development. Would the noise and dust have any impact on your day-to-day activities or lifestyle? Mr van der Heever explained that an increase in dust will have an impact on his day-to day activities.

9. Do you foresee the proposed alignment of the road having an effect/impact on your farming activities? Mr van der Heever informed her that he does not foresee impacts on his farming activities except for the increase in theft.

10. Do you have any other questions or social concerns? Mr van der Heever informed her that he does not have concerns other than the impacts already raised.

11. Are you in support of the proposed alignment? Mr van der Heever informed her that he does not mind the realignment of the MN73 but these kind of projects does have negative impacts on the environment such as soil erosion.

Thalita then thanked Mr van der Heever for the inputs which were provided, and notified him that if he has any other questions regarding the road realignment, he is welcome to contact her.