
ANNEXURE B

PUBLIC PARTICIPATION

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THE PUBLIC PARTICIPATION PROCESS

The purpose of this Chapter is to provide an outline of the Public Participation Process, a summary of the process undertaken to date, and the way forward with respect to public participation as part of the EIA Phase of this project.

INTRODUCTION

Consultation with Interested and Affected Parties (I&APs) forms an integral component of an Environmental Impact Assessment (EIA) process (see **Figure 1.2** of the Final Environmental Impact Assessment Report (EIAR)) and enables *inter alia* directly affected landowners, neighbouring landowners, stakeholders, communities and interested parties to identify the issues and concerns relating to the proposed activity, which they feel should be addressed in the process. The approach to this public participation process, summarised in the Plan of Study for EIA (Chapter 5 of the Final Scoping Report (FSR)), has taken cognisance of the Department of Environmental Affairs and Tourism Guideline on Stakeholder Engagement (2002).

Public participation, as required in terms of the EIA Regulations can, in general, be separated into the following phases:

Comment on Draft and Final Reports

During the Scoping and EIA Phases, registered I&APs are provided with an opportunity to comment on draft and final versions of the reports. This is enabled by the lodging of the reports at suitable locations for review and invitations to public meetings/open houses to discuss the content of the relevant report.

Decision and Appeal period

This is the final phase of the public participation process. Once the competent authority has made their decision and issued an Environmental Authorisation, the applicant and I&APs are notified of the decision and have the opportunity to appeal to the national Minister of Water and Environmental Affairs, within the stipulated timeframes.

Progress with respect to these various stages for the current project is discussed in more detail below. It should be noted that the public participation process developed for this investigation meets the minimum requirements of the National Environmental Management Act (Act 107 of 1998) (NEMA).

All public participation related information is included in **Annexure B** of the Draft and Final EIAR.

SUMMARY OF THE PUBLIC PARTICIPATION PROCESS TO DATE

Initiation of the public participation process

The approach adopted for the current investigation was to identify as many I&APs as possible initially, through a suite of activities, as follows:

- Placing advertisements in local newspapers (the Gemsbok);
- Placing a notice board at the site;
- Providing written notice and an Executive Summary to potential I&APs, including surrounding landowners, organs of state, ward councillors and relevant authorities;
- Informing I&APs registered for existing EIAs, being run by Aurecon, in the area about the project and providing them with an opportunity to register for this project as well; and
- Requesting potential I&APs to recommend other potential I&APs to include on the database (chain referral process).

The I&AP database compiled during the 2012 EIA process for PV1 on farm Hoekplaas served as the baseline I&AP register for this EIA process. This database would be augmented via chain referral during the EIA process, and would be continually updated as new I&APs are identified throughout the project lifecycle. The sectors of society represented by I&APs on the database are listed below. The current list of I&APs, comprising approximately 70 individuals and organisations, is included in **Annexure B**. The sectors of society represented by I&APs on the database are listed below.

- National Government;
- Provincial government (Northern Cape);
- Local government (Siyathemba LM and Pixly ka Seme District Municipality);
- Organised agriculture;
- Business/Commerce;
- Industry;
- Scientific and research based organisations;
- Local landowners; and
- Local communities and other community based organisations in the project area.

Advertising in local newspapers

Advertisements for the EIA process appeared in a local newspaper, the Gemsbok, on 26 April 2013. The content of the advertisements are included in **Annexure B**, as well as copies thereof.

Site notices

A site notice was placed on site at the site entrance. The notice provided a description of the proposed activities and EIA process, and invited members of the public to register as I&APs,

and raise any initial issues or concerns. The content as well as photographs of the site notice is included in **Annexure B**.

Public participation related to the Scoping Phase (DSR)

The public participation process was initiated at the Draft Scoping Report Phase and the I&APs were notified of the DSR and associated comment period in the following way:

- Placement of advertisements in a local newspaper, the Gemsbok, notifying the broader public of the initiation of the EIA and inviting them to register as I&APs from 26 April 2013;
- Erection of a site notice at the entrance to Farm Hoekplaas on 25 April 2013;
- Lodging the DSR at Prieska (Elizabeth Vermeulen) Public Library, Ietznietz Guest House in Copperton and on the Aurecon website from 30 April 2013. All registered I&APs were notified of the availability of the DSR by means of a letter sent by fax, post and/or e-mail on 23 April 2013. The notification letters also included a copy of the Executive Summary of the DSR in English and Afrikaans; and
- I&APs had 40 days, until 10 June 2013, to submit their written comments on the DSR;
Cognisance was taken of all comments when compiling the final report, and the comments, together with the project team and proponent's responses thereto, were included in final report.

Public participation related to the Scoping Phase (FSR)

Based on the comments received on the DSR during the 8 November 2011 to 9 January 2012 public comment period the DSR was updated and called the FSR. The second stage of the PPP involved the lodging of the FSR for review and comment at the same locations as the DSR.

- I&APs were provided with 21 calendar days to comment on the FSR between 23 July 2013 and 12 August 2013.
- Registered I&APs were informed of the FSR public comment period via a letter dated 15 July 2013 which was emailed or posted. An Executive summary together with an update page in English and/or Afrikaans was also emailed or posted to registered I&APs which highlighted the key changes made to the DSR as a result of the 40 day public comment period.

Issues and concerns raised during the scoping phase

Issues were submitted during the DSR comment period from 8 November 2011 until 9 January 2012 and FSR comment period from 18 January 2012 to 7 February 2012. Comments and concerns raised by I&APs (with regards to the proposed activities) have been incorporated into CRR 1 (see **Annexure B** of the FSR) and CRR 2 (see **Annexure B** of the Final EIAR) which summarise all the issues and concerns raised by I&APs during the Scoping Process, and provide the project team and proponent's response thereto. The

issues raised by I&APs to date relates to heritage, water use, the transmission servitude and Square Kilometer Array.

Public participation related to the EIA phase (Draft EIAR)

The Draft EIAR was lodged in Prieska (Elizabeth Vermeulen) Public Library, Ietznietz Guest House in Copperton and on the Aurecon website (www.aurecongroup.com - change "Current Location" to "South Africa" and follow the Public Participation link).

All registered I&APs was notified of the availability of the Draft EIAR by means of a letter sent by post, fax or e-mail on 16 September 2013 (see **Annexure B**). The notification letters also included a copy of the Executive Summary in English and Afrikaans.

I&APs had 40 days, from 16 September 2013 until 29 October 2013, to submit their written comments on the DEIR. Cognisance was taken of all comments in compiling the final report, and the comments, together with the project team and proponent's responses thereto, have been included in the final report. Where appropriate, the report has been updated.

Public participation related to the EIA phase (Final EIAR)

The report has been updated in light of the comments received during the 40 day public comment period on the Draft EIAR and is now called the Final EIAR. Comments were received from the South African Heritage Resource Agency and Eskom (**Annexure B** of the Final EIAR).

The Final EIAR has been made available for review at the same locations as the Draft EIAR for a further 21 day public comment period from **22 November 2013 to 12 December 2013**. Comments received on the Final EIAR will not be included in a Comments and Response Report but will instead be collated and forwarded directly to the Department of Environmental Affairs (DEA).

Please direct all comments to:

Aurecon

Nomvelo Siwela or Franci Gresse

P O Box 494, Cape Town, 8000

Tel: (021) 526 6022

Fax: 086 723 1750

Email: Nomvelo.Siwela@aurecongroup.com

REVIEW AND DECISION PERIOD

The Final EIAR will be submitted to DEA for their review and decision-making. DEA must, within 60 days, do one of the following:

- Accept the report;
- Notify the applicant that the report has been referred for specialist review;
- Request amendments to the report; or
- Reject the report if it does not materially comply with regulations.

If the report is accepted, DEA must within 45 days:

- Grant authorisation in respect of all or part of the activity applied for; or
- Refuse authorisation in respect of all or part of the activity.

Once DEA issues their decision on the proposed project, all registered I&APs on the project database will be notified of the outcome of the decision within 12 calendar days of the Environmental Authorisation having been issued. Should anyone (a member of public, registered I&AP or the Applicant) wish to appeal DEA's decision, a Notice of Intention to Appeal in terms of Chapter 7 of the EIA Regulations (GN No. 543) in terms of NEMA must be lodged with the Minister of Water and Environmental Affairs within 20 calendar days of the decision being issued and the substantive Appeal must be lodged within 30 days of the Notice.

ANNEXURE B1

PUBLIC PARTICIPATION

- Details of Public Participation Process Undertaken to Date

ANNEXURE B2

PUBLIC PARTICIPATION

- List of Authorities
- List of I&APs

Relevant authorities contact details (updated)

Title	Initial /Name	Surname	Organisation	Address 1	Address 2	Town	Code	T	F	email
Mr	Gert	Bessies	The Municipal Manager: SiyaThemba Local Municipality	PO Box 16	Victoria Street	Prieska	8940	053 353 5300	053 353 1386	psk.muni@prieska.co.za
Mr	Sam	Diokpala	Pixley ka Seme District Municipality	Private Bag 1012	Culvert Road, Industrial Area	De Aar	7000	053 631 0891		Sam.diokpala@lgnet.org.za
Dr	Mariagrazia	Galimberti	South African Heritage Resources Agency	PO Box 4637	111 Harrington Street	Cape Town	8000	021 462 4502	021 462 4509	mgalimberti@sahra.org.za
Mr	Andrew	Timothy	Northern Cape Provincial Heritage (Boswa ya Kapa Bok)	PO Box 1930	1 Robb Street	Kimberley	8301	053 831 2537		ratha.timothy@gmail.com
Ms	Alexia	Hlengani	DWA: Deputy Director Lower Orange WMA	Private Bag X5912	Louise-Vale Drive	Upington	8800	054 338 5800		kubavie@dwa.gov.za
Mr	Takalani	Maswime	Department of Environmental Affairs	Private Bag X447	Fedsure Building, 315 Pretorius Street	Pretoria	0001	012 310 3911	012 322 2682	tmaswime@environment.gov.za
Ms	Lucia	Manong	Department of Agriculture (Northern Cape)	7 Elliott Street		Kimberley	8300	053 838 9165		Imanong@agri.ncape.gov.za
Mrs	SP	Mokuele	Department of Energy (Northern Cape): Regional Energy Director	Private Bag X6093	29-31, Curry Street	Kimberly	8301	053 807 1752		sebatso.mokuele@energy.gov.za
Mr	Chamuwari J	Ketano	Northern Cape Department of Environmental Affairs and Nature Conservation	Private Bag X6010	T-Floor and 1st Floor, Metlife Building/Post Office Building	Kimberly	8301	053 807 7300	053 807 7328	
Ms	Jacoline	Mans	Department of Agriculture, Forestry and Fisheries (DAFF), Directorate: Forestry Management	P.O. Box 2782		Upington	8800	054 338 5909		JacolineMa@daff.gov.za
Mr	J	Geeringh	Eskom	Megawatt Park, Maxwell Drive, Sunninghill		Sandton		011 516 7233		
	Anga	Yaphi	Department of Environment and Nature Conservation	Private Bag X6102		Kimberley	8300	053 807 7430	053 831 3530	cketano@pgnc.gov.za
Mr	Thoko	Buthelezi	DAFF: Land Use & Soil Management	Private Bag X120	Delpen Building, cnr Annie Botha and Union Street, Office 270	Pretoria	0001	012 319 7508	012 329 5938	AnnelizaC@nda.agric.za

Interested and Affected Parties

Title	Initial /Name	Surname	Organisation
Mrs	D	Accom	Elizerberth Vermeulen
Ms	Tania	Anderson	
Mr	Mark	Anderson	Birdlife South Africa
	Thoko	Buthelezi	DAFF: Land Use & Soil Management
Mr	RC	Barlow	Department of Transport
Ms	Jemima J	Bernard	
Mr	Gert	Bessies	The Municipal Manager: SiyaThemba Local Municipality
Mr	James	Braid	
Mr	PJ	Buys	
Mr	Johnny	Callum	Mulilo Renewable Energy
Ms	Mashubu	Marhubini	DAFF: Land Use & Soil Management
Mr	Ralph	Damonse	Mainstream Renewable Power South Africa
Mr	Karniels	de Jager	105/Remainder
Mr	Berend	Deventer	Repli Investments No 27 Pty Ltd
Mr	Sam	Diokpala	Pixley ka Seme District Municipality
Mr	Frans	Ekkerd	Welverdiend; Farm 117/4
Cllr	A	Faro	SiyaThemba Local Municipality
Mr	Pieter	Fourie	Nelspoortjie Farm (No. 103/5)
Dr	Mariagrazia	Galimberti	South African Heritage Resources Agency
Mr	Andrew	Timothy	Northern Cape Provincial Heritage (Boswa ya Kapa Bokone)
Mr	Hano	Hamman	Repli Investments No 27 Pty Ltd
Mr	Wayne	Hector	Department of Environmental Affairs: Integrated Environmental Management
Mr	HG	Human	Agri-Prieska Stockfarmers; Farm no. 118/3
Mr	WJ	Human	Plat Sjambok; Farm no. 102/RE
	Johannes	Human	Hoekplaas: Farm no. 146/RE
Mr	Zuben	Jessa	Plan 8
Mr	Lutando	Klaas	Alkantpan Test Range
	Chamuwari J	Ketano	Department of Environment and Nature Conservation
	Mere	Kgampe	SKA
Ms	Liesl	Koch	Sivest
Mr	John	Geeringh	Eskom
Mr	Pieter	Mangate	Department of Land Reform
Mr	Michael	Mangnall	Mainstream Renewable Power South Africa
Ms	Lucia	Manong	Department of Agriculture (Northern Cape)
Mrs	Hester	Meyer	Letznietz Guest House
Mr	Mike	Meyer	Request Trust
Mrs	SP	Mokuele	Department of Energy (Northern Cape): Regional Energy Director
Mr	Warren	Morse	Mulilo Renewable Energy
Mr	WVD	Mothibi	Department of Agriculture, Land Reform & Rural Development
Mr	Isaac	Phooka	
Mr	Harry	Roberts	Civil Aviation Authorities
Mr	Berchtwald	Rode	Rode and Associates (Pty) Ltd
Ms	Thusile	Nyalunga	Department of Environmental Affairs: Integrated Environmental Management
Mr	Tshepo	Seekoe	Department of Science and Technology
Mr	Joas	Ekkerd	Northern Cape Provincial Heritage (Boswa ya Kapa Bokone)
Mr	Jon	Smallie	Endangered Wildlife Trust
Mr	Kevin	Storie	Aero Club of South Africa
Mrs	Lizelle	Stroh	Civil Aviation Authorities
Mr	Adrian	Tiplady	Square Kilometer Array (SKA)
Mr	Eric	Torr	Gyro SA
Ms	Kelly	Tucker	Sivest
Mr	Gert	van der Westhuizen	Alkantpan Test Range
Mr	Bérend	van Deventer	Agama Exploration & Mining
Mr	Bertie	van Heerden	Alkantpan Test Range
Mr	Fransi	van Wyk	Witfontein Farm (No. 103/7 & 266)
Mr	Salmon	van Zyl	Farm no. 106/4
Mr	Coenie	Viljoen	Farm no. 118/1
Mr	Piet	Vos	Agri-Prieska
Mr	Keith	Woolf	Alkantpan Test Range
Ms	Anga	Yaphi	Northern Cape Department of Environmental Affairs and Nature Conservation
	The Municipal Manager		Pixley ka Seme District Municipality
			Farm no. 117/3
	Van Wyk Broers		
Ms	Lana Ignjatovic		
	AA	Hlengani	Department of Water Affairs

ANNEXURE B3

PUBLIC PARTICIPATION

- I&AP Notification Letters

Cape Town
Aurecon Centre
1 Century City Drive
Waterford Precinct
Century City
7441

T +27 21 526 9400
F +27 21 526 9500
E capetown@aurecongroup.com
W aurecongroup.com



PO Box 494
Cape Town
8000
Docex: DX 204

19 September 2013

E-pos: nomvelo.siwela@aurecongroup.com

Geagte Heer / Dame

BEOOGDE PV2-PV10 FOTOVOLTAÏESE ENERGIE-AANLEGTE OP DIE PLAAS HOEKPLAAS NABY COPPERTON, NOORD-KAAP

AANLEGTE	DOS VERWNR	NEAS VERWYSNR	AANLEGTE	DOS VERWNR	NEAS VERWYSNR
PV2	14/12/16/3/3/2/493	DEA/EIA/0001754/2013	PV7	14/12/16/3/3/2/498	DEA/EIA/0001759/2013
PV3	14/12/16/3/3/2/494	DEA/EIA/0001755/2013	PV8	14/12/16/3/3/2/499	DEA/EIA/0001760/2013
PV4	14/12/16/3/3/2/495	DEA/EIA/0001756/2013	PV9	14/12/16/3/3/2/500	DEA/EIA/0001761/2013
PV5	14/12/16/3/3/2/496	DEA/EIA/0001757/2013	PV10	14/12/16/3/3/2/501	DEA/EIA/0001762/2013
PV6	14/12/16/3/3/2/497	DEA/EIA/0001758/2013			

BEOOGDE PV2-PV7 FOTOVOLTAÏESE ENERGIE-AANLEG OP DIE PLAAS KLIPGATS PAN NABY COPPERTON, NOORD-KAAP

AANLEGTE	DOS VERWNR	NEAS VERWYSNR	AANLEGTE	DOS VERWNR	NEAS VERWYSNR
PV2	14/12/16/3/3/2/486	DEAT/EIA/0001766/2013	PV6	14/12/16/3/3/2/490	DEAT/EIA/0001770/2013
PV3	14/12/16/3/3/2/487	DEAT/EIA/0001767/2013	PV7	14/12/16/3/3/2/491	DEAT/EIA/0001771/2013
PV5	14/12/16/3/3/2/489	DEAT/EIA/0001769/2013			

BESKIKBAARHEID VAN DIE KONSEP OMGEWINGSINVLOEDBEPALINGVERSLAG VIR KOMMENTAAR

Ons vorige skrywe, gedateer 15 Julie 2013, aangaande die beskikbaarstelling van die Finale Omvangbepalingverslae (OBV) vir die beoogde fotovoltaïese son-energie aanlegte op die plase Klippgats Pan (Gedeelte 4 van Plaas 117) en Hoekplaas (Restant van Plaas 146) naby Copperton in die Noord-Kaap vir kommentaar, het betrekking.

Die Finale OBVs vir Klippgats Pan en Hoekplaas is onderskeidelik op 21 Augustus en 2 September 2013 deur die Departement van Omgewingsake goedgekeur en dus kan die Omgewingsinvloedbepaling (OIB)-fase voortgaan. Die Konsep OIBs is saamgestel en sal beskikbaar wees vanaf **27 September 2013 tot en met 5 November 2013** vir oorsig en kommentaar. Vir u gerief is afskrifte van die Uitvoerende Opsommings vir u by die skrywe ingesluit.

Let asseblief daarop dat die volgende twee aansoeke teruggetrek is na aanleiding van die bevindinge in die spesialisverslae:

- PV11 op Hoekplaas; en
- PV4 op Klippgats Pan.

Die Konsep OIBs sal beskikbaar wees by die Prieska (Elizabeth Vermeulen) Openbare Biblioteek, die letznietz Gastehuis in Copperton en op Aurecon se webblad (www.aurecongroup.com) – kies "South Africa" as die "Current Location", en volg die "Public Participation"-skakel).

Indien u enige kommentaar wil lig oor die beoogte projekte, kontak asseblief vir **Nomvelo Siwela** of **Franci Gresse** van Aurecon voor of op **5 November 2013**.

OIB projek span:	Nomvelo Siwela	Franci Gresse
Telefoonnr.:	021 526 6025	021 526 6022
Faksnr.:	021 526 9500	021 526 9500
Epos-adres:	nomvelo.siwela@aurecongroup.com	franci.gresse@aurecongroup.com
Posadres:	Posbus 494, Kaapstad, 8000	

Indien u die grondeienaar is, maar nie daar woon nie, versoek ons dat u asseblief die persoon wat u eiendom huur in kennis sal stel van hierdie aansoek of hul kontakbesonderhede aan ons stuur sodat ons hulle in kennis kan stel.

Kontak ons gerus indien u enige vrae het.

Die uwe
AURECON



NOMVELO SIWELA

Praktisyn: Omgewings- en Adviesdienste



FRANCI GRESSE

Senior Praktisyn: Omgewings- en Adviesdienste

19 September 2013

Email: nomvelo.siwela@aurecongroup.com

Dear Sir/ Madam

**ENVIRONMENTAL IMPACT ASSESSMENT PROCESS
 PROPOSED PV2-PV10 PHOTOVOLTAIC ENERGY PLANTS ON FARM HOEKPLAAS NEAR
 COPPERTON, NORTHERN CAPE**

PLANTS	DEA REF NO	NEAS REF NO	PLANTS	DEA REF NO	NEAS REF NO
PV2	14/12/16/3/3/2/493	DEA/EIA/0001754/2013	PV7	14/12/16/3/3/2/498	DEA/EIA/0001759/2013
PV3	14/12/16/3/3/2/494	DEA/EIA/0001755/2013	PV8	14/12/16/3/3/2/499	DEA/EIA/0001760/2013
PV4	14/12/16/3/3/2/495	DEA/EIA/0001756/2013	PV9	14/12/16/3/3/2/500	DEA/EIA/0001761/2013
PV5	14/12/16/3/3/2/496	DEA/EIA/0001757/2013	PV10	14/12/16/3/3/2/501	DEA/EIA/0001762/2013
PV6	14/12/16/3/3/2/497	DEA/EIA/0001758/2013			

**ENVIRONMENTAL IMPACT ASSESSMENT PROCESS
 PROPOSED PV2-PV7 PHOTOVOLTAIC ENERGY PLANTS ON FARM KLIPGATS PAN NEAR
 COPPERTON, NORTHERN CAPE**

PLANTS	DEA REF NO	NEAS REF NO	PLANTS	DEA REF NO	NEAS REF NO
PV2	14/12/16/3/3/2/486	DEAT/EIA/0001766/2013	PV6	14/12/16/3/3/2/490	DEAT/EIA/0001770/2013
PV3	14/12/16/3/3/2/487	DEAT/EIA/0001767/2013	PV7	14/12/16/3/3/2/491	DEAT/EIA/0001771/2013
PV5	14/12/16/3/3/2/489	DEAT/EIA/0001769/2013			

**AVAILABILITY OF THE DRAFT ENVIRONMENTAL IMPACT ASSESSMENT REPORTS FOR
 COMMENT**

Our correspondence of 15 July 2013 regarding the availability of the Final Scoping Reports (FSRs) for comment for the above mentioned proposed photovoltaic (PV) solar energy facilities on farms Klipgats Pan (Farm No. 117, Portion 4) and Hoekplaas (Remainder of Farm No. 146) near Copperton in the Northern Cape has reference.

The Department of Environmental Affairs (DEA) approved the FSRs on 21 August and 2 September 2013 (respectively for Klipgats Pan and Hoekplaas) and indicated that the projects could proceed to the Environmental Impact Assessment (EIA) Phase. The Draft EIA Reports (EIRs) were compiled and will be available for review and comment from **27 September 2013 to 5 November 2013**. For ease of reference, we have enclosed the Executive Summaries of the Draft EIRs.

Please note that the applications for the following two proposed facilities have been retracted based on the findings of the specialist assessments:

- PV11 on Farm Hoekplaas; and
- PV4 on Farm Klipgats Pan.

The Draft EIRs have been made available at the Prieska (Elizabeth Vermeulen) Public Library, Letznietz Guest House in Copperton and on Aurecon's website (www.aurecongroup.com - change "Current Location" to "South Africa" and follow the Public Participation link).

If you would like to comment on the Draft EIRs, please submit your comments to Nomvelo Siwela or Franci Gresse of Aurecon on or before **5 November 2013**.

EIA Project Team:	Nomvelo Siwela	Franci Gresse
Telephone Number:	021 – 526 6025	021 – 526 6022
Fax Number:	021 – 526 9500	021 – 526 9500
Email Address:	nomvelo.siwela@aurecongroup.com	franci.gresse@aurecongroup.com
Postal Address:	PO Box 494, Cape Town, 8000	PO Box 494, Cape Town, 8000

If you are the landowner, but not the occupier of the property, please inform the occupier of the land on which the proposed project is located or advise us of their contact details that we may do so.

Should you have any queries please do not hesitate to contact the undersigned.

Yours sincerely

Aurecon



NOMVELO SIWELA

Practitioner: Environment & Advisory Services



FRANCI GRESSE

Practitioner: Environment & Advisory Services

Cape Town
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19 November 2013

Email: franci.gresse@aurecongroup.com

Dear Sir/ Madam

PROPOSED PV2-PV11 PHOTOVOLTAIC ENERGY PLANTS ON FARM HOEKPLAAS NEAR COPPERTON, NORTHERN CAPE

PLANTS	DEA REF NO	NEAS REF NO	PLANTS	DEA REF NO	NEAS REF NO
PV2	14/12/16/3/3/2/493	DEA/EIA/0001754/2013	PV7	14/12/16/3/3/2/498	DEA/EIA/0001759/2013
PV3	14/12/16/3/3/2/494	DEA/EIA/0001755/2013	PV8	14/12/16/3/3/2/499	DEA/EIA/0001760/2013
PV4	14/12/16/3/3/2/495	DEA/EIA/0001756/2013	PV9	14/12/16/3/3/2/500	DEA/EIA/0001761/2013
PV5	14/12/16/3/3/2/496	DEA/EIA/0001757/2013	PV10	14/12/16/3/3/2/501	DEA/EIA/0001762/2013
PV6	14/12/16/3/3/2/497	DEA/EIA/0001758/2013			

PROPOSED PV2-PV7 PHOTOVOLTAIC ENERGY PLANTS ON FARM KLIPGATS PAN NEAR COPPERTON, NORTHERN CAPE

PLANTS	DEA REF NO	NEAS REF NO	PLANTS	DEA REF NO	NEAS REF NO
PV2	14/12/16/3/3/2/486	DEAT/EIA/0001766/2013	PV6	14/12/16/3/3/2/490	DEAT/EIA/0001770/2013
PV3	14/12/16/3/3/2/487	DEAT/EIA/0001767/2013	PV7	14/12/16/3/3/2/491	DEAT/EIA/0001771/2013
PV5	14/12/16/3/3/2/489	DEAT/EIA/0001769/2013			

AVAILABILITY OF THE FINAL ENVIRONMENTAL IMPACT ASSESSMENT REPORTS FOR PUBLIC COMMENT

Our previous correspondence dated 19 September 2013 informing you of the availability of the Draft Environmental Impact Assessment Reports (EIARs), has reference. This letter serves to notify you of the availability of the Final EIARs for the above-mentioned projects, and to invite you to submit comments or concerns regarding these projects to Aurecon.

The Final EIARs will be available from **22 November 2013 until 12 December 2013** for a 21-day review period at Prieska (Elizabeth Vermeulen) Public Library, Letznietz Guest House in Copperton and on the Aurecon website (www.aurecongroup.com – please change the current location to "South Africa" and follow the "Public Participation"-link).

Enclosed please find the Update Pages highlighting changes made from the Draft to the Final EIARs for your information. If you would like to obtain more information, submit any comments or register as an Interested and Affected Party, please contact **Nomvelo Siwela** or **Franci Gresse** of Aurecon on or before **12 December 2013**.

EIA project team	Nomvelo Siwela	Franci Gresse
Telephone number:	021 526 6025	021 526 6022
Facsimile number:	021 526 9500	021 526 9500
Email address:	nomvelo.siwela@aurecongroup.com	franci.gresse@aurecongroup.com
Postal address:	PO Box 494, Cape Town, 8000	PO Box 494, Cape Town, 8000

If you are the landowner, but not the occupier of the property, please inform the occupier of the land on which the proposed project is located or advise us of their contact details so that we may do so.

Yours sincerely,
Aurecon

NOMVELO SIWELA

Practitioner: Environment and Advisory Services

FRANCI GRESSE

Senior Practitioner: Environment and Advisory Services

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W aurecongroup.com



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20 November 2013

Email: franci.gresse@aurecongroup.com

Department of Water Affairs: Deputy Director Lower Orange Water Management Area
Louise-Vale Drive
Upington
8800
Tel: 054 338 5800

Attention: Mr Shaun Cloete

Dear Mr Cloete,

**PROPOSED PV2-PV11 PHOTOVOLTAIC ENERGY PLANTS ON FARM HOEKPLAAS NEAR COPPERTON,
NORTHERN CAPE**

PLANTS	DEA REF NO	NEAS REF NO	PLANTS	DEA REF NO	NEAS REF NO
PV2	14/12/16/3/3/2/493	DEA/EIA/0001754/2013	PV7	14/12/16/3/3/2/498	DEA/EIA/0001759/2013
PV3	14/12/16/3/3/2/494	DEA/EIA/0001755/2013	PV8	14/12/16/3/3/2/499	DEA/EIA/0001760/2013
PV4	14/12/16/3/3/2/495	DEA/EIA/0001756/2013	PV9	14/12/16/3/3/2/500	DEA/EIA/0001761/2013
PV5	14/12/16/3/3/2/496	DEA/EIA/0001757/2013	PV10	14/12/16/3/3/2/501	DEA/EIA/0001762/2013
PV6	14/12/16/3/3/2/497	DEA/EIA/0001758/2013			

**PROPOSED PV2-PV7 PHOTOVOLTAIC ENERGY PLANTS ON FARM KLIPGATS PAN NEAR COPPERTON,
NORTHERN CAPE**

PLANTS	DEA REF NO	NEAS REF NO	PLANTS	DEA REF NO	NEAS REF NO
PV2	14/12/16/3/3/2/486	DEAT/EIA/0001766/2013	PV6	14/12/16/3/3/2/490	DEAT/EIA/0001770/2013
PV3	14/12/16/3/3/2/487	DEAT/EIA/0001767/2013	PV7	14/12/16/3/3/2/491	DEAT/EIA/0001771/2013
PV5	14/12/16/3/3/2/489	DEAT/EIA/0001769/2013			

**AVAILABILITY OF THE FINAL ENVIRONMENTAL IMPACT ASSESSMENT REPORTS FOR
COMMENT**

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Should you require any further information or have any queries please contact the undersigned.

Yours sincerely

AURECON

NOMVELO SIWELA

Practitioner: Environment and Advisory Services

FRANCI GRESSE

Senior Practitioner: Environment and Advisory Services

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20 November 2013

Email: franci.gresse@aurecongroup.com

SiyaThemba Local Municipality
Victoria Street
Prieska
8940
Tel: 053 632 9100

Attention: Mr Gert Bessies

Dear Mr Gert Bessies,

**PROPOSED PV2-PV11 PHOTOVOLTAIC ENERGY PLANTS ON FARM HOEKPLAAS NEAR COPPERTON,
NORTHERN CAPE**

PLANTS	DEA REF NO	NEAS REF NO	PLANTS	DEA REF NO	NEAS REF NO
PV2	14/12/16/3/3/2/493	DEA/EIA/0001754/2013	PV7	14/12/16/3/3/2/498	DEA/EIA/0001759/2013
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PV4	14/12/16/3/3/2/495	DEA/EIA/0001756/2013	PV9	14/12/16/3/3/2/500	DEA/EIA/0001761/2013
PV5	14/12/16/3/3/2/496	DEA/EIA/0001757/2013	PV10	14/12/16/3/3/2/501	DEA/EIA/0001762/2013
PV6	14/12/16/3/3/2/497	DEA/EIA/0001758/2013			

**PROPOSED PV2-PV7 PHOTOVOLTAIC ENERGY PLANTS ON FARM KLIPGATS PAN NEAR COPPERTON,
NORTHERN CAPE**

PLANTS	DEA REF NO	NEAS REF NO	PLANTS	DEA REF NO	NEAS REF NO
PV2	14/12/16/3/3/2/486	DEAT/EIA/0001766/2013	PV6	14/12/16/3/3/2/490	DEAT/EIA/0001770/2013
PV3	14/12/16/3/3/2/487	DEAT/EIA/0001767/2013	PV7	14/12/16/3/3/2/491	DEAT/EIA/0001771/2013
PV5	14/12/16/3/3/2/489	DEAT/EIA/0001769/2013			

**AVAILABILITY OF THE FINAL ENVIRONMENTAL IMPACT ASSESSMENT REPORTS FOR
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Should you require any further information or have any queries please contact the undersigned.

Yours sincerely

AURECON

NOMVELO SIWELA

Practitioner: Environment and Advisory Services

FRANCI GRESSE

Senior Practitioner: Environment and Advisory Services

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20 November 2013

Email: franci.gresse@aurecongroup.com

Northern Cape Department of Environmental Affairs and Nature Conservation
Sasko Building, Longstreet 90
Kimberley
8300
Tel: 0638077468 / 076 411 6609

Attention: Mr A.T Leburu

Dear Mr Leburu

**PROPOSED PV2-PV11 PHOTOVOLTAIC ENERGY PLANTS ON FARM HOEKPLAAS NEAR COPPERTON,
NORTHERN CAPE**

PLANTS	DEA REF NO	NEAS REF NO	PLANTS	DEA REF NO	NEAS REF NO
PV2	14/12/16/3/3/2/493	DEA/EIA/0001754/2013	PV7	14/12/16/3/3/2/498	DEA/EIA/0001759/2013
PV3	14/12/16/3/3/2/494	DEA/EIA/0001755/2013	PV8	14/12/16/3/3/2/499	DEA/EIA/0001760/2013
PV4	14/12/16/3/3/2/495	DEA/EIA/0001756/2013	PV9	14/12/16/3/3/2/500	DEA/EIA/0001761/2013
PV5	14/12/16/3/3/2/496	DEA/EIA/0001757/2013	PV10	14/12/16/3/3/2/501	DEA/EIA/0001762/2013
PV6	14/12/16/3/3/2/497	DEA/EIA/0001758/2013			

**PROPOSED PV2-PV7 PHOTOVOLTAIC ENERGY PLANTS ON FARM KLIPGATS PAN NEAR COPPERTON,
NORTHERN CAPE**

PLANTS	DEA REF NO	NEAS REF NO	PLANTS	DEA REF NO	NEAS REF NO
PV2	14/12/16/3/3/2/486	DEAT/EIA/0001766/2013	PV6	14/12/16/3/3/2/490	DEAT/EIA/0001770/2013
PV3	14/12/16/3/3/2/487	DEAT/EIA/0001767/2013	PV7	14/12/16/3/3/2/491	DEAT/EIA/0001771/2013
PV5	14/12/16/3/3/2/489	DEAT/EIA/0001769/2013			

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Should you require any further information or have any queries please contact the undersigned.

Yours sincerely

AURECON

NOMVELO SIWELA

FRANCI GRESSE

Practitioner: Environment and Advisory Services

Senior Practitioner: Environment and Advisory Services

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20 November 2013

Email: franci.gresse@aurecongroup.com

Department of Agriculture Fisheries and Forestry
Louise-Vale Drive
Upington
8800
Tel: 054 338 5909

Attention: Mrs Jacoline Mans

Dear Jacoline,

**PROPOSED PV2-PV11 PHOTOVOLTAIC ENERGY PLANTS ON FARM HOEKPLAAS NEAR COPPERTON,
NORTHERN CAPE**

PLANTS	DEA REF NO	NEAS REF NO	PLANTS	DEA REF NO	NEAS REF NO
PV2	14/12/16/3/3/2/493	DEA/EIA/0001754/2013	PV7	14/12/16/3/3/2/498	DEA/EIA/0001759/2013
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PV5	14/12/16/3/3/2/496	DEA/EIA/0001757/2013	PV10	14/12/16/3/3/2/501	DEA/EIA/0001762/2013
PV6	14/12/16/3/3/2/497	DEA/EIA/0001758/2013			

**PROPOSED PV2-PV7 PHOTOVOLTAIC ENERGY PLANTS ON FARM KLIPGATS PAN NEAR COPPERTON,
NORTHERN CAPE**

PLANTS	DEA REF NO	NEAS REF NO	PLANTS	DEA REF NO	NEAS REF NO
PV2	14/12/16/3/3/2/486	DEAT/EIA/0001766/2013	PV6	14/12/16/3/3/2/490	DEAT/EIA/0001770/2013
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Should you require any further information or have any queries please contact the undersigned.

Yours sincerely
AURECON

NOMVELO SIWELA

Practitioner: Environment and Advisory Services

FRANCI GRESSE

Senior Practitioner: Environment and Advisory Services

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20 November 2013

Email: franci.gresse@aurecongroup.com

Department of Agriculture
7 Elliott St
Kimberley
8300
Tel: 082 559 7289

Attention: Ms Lucia Manong

Dear Ms Manong,

**PROPOSED PV2-PV11 PHOTOVOLTAIC ENERGY PLANTS ON FARM HOEKPLAAS NEAR COPPERTON,
NORTHERN CAPE**

PLANTS	DEA REF NO	NEAS REF NO	PLANTS	DEA REF NO	NEAS REF NO
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PV6	14/12/16/3/3/2/497	DEA/EIA/0001758/2013			

**PROPOSED PV2-PV7 PHOTOVOLTAIC ENERGY PLANTS ON FARM KLIPGATS PAN NEAR COPPERTON,
NORTHERN CAPE**

PLANTS	DEA REF NO	NEAS REF NO	PLANTS	DEA REF NO	NEAS REF NO
PV2	14/12/16/3/3/2/486	DEAT/EIA/0001766/2013	PV6	14/12/16/3/3/2/490	DEAT/EIA/0001770/2013
PV3	14/12/16/3/3/2/487	DEAT/EIA/0001767/2013	PV7	14/12/16/3/3/2/491	DEAT/EIA/0001771/2013
PV5	14/12/16/3/3/2/489	DEAT/EIA/0001769/2013			

**AVAILABILITY OF THE FINAL ENVIRONMENTAL IMPACT ASSESSMENT REPORTS FOR
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Yours sincerely
AURECON

NOMVELO SIWELA

Practitioner: Environment and Advisory Services

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20 November 2013

Email: franci.gresse@aurecongroup.com

Eskom Holdings Limited
Megawatt Park, D1 Z38
Johannesburg
2000
Tel: 011 516 7233 or 011 800 3627

Attention: Mr John Geeringh

Dear Mr Geeringh,

**PROPOSED PV2-PV11 PHOTOVOLTAIC ENERGY PLANTS ON FARM HOEKPLAAS NEAR COPPERTON,
NORTHERN CAPE**

PLANTS	DEA REF NO	NEAS REF NO	PLANTS	DEA REF NO	NEAS REF NO
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PV6	14/12/16/3/3/2/497	DEA/EIA/0001758/2013			

**PROPOSED PV2-PV7 PHOTOVOLTAIC ENERGY PLANTS ON FARM KLIPGATS PAN NEAR COPPERTON,
NORTHERN CAPE**

PLANTS	DEA REF NO	NEAS REF NO	PLANTS	DEA REF NO	NEAS REF NO
PV2	14/12/16/3/3/2/486	DEAT/EIA/0001766/2013	PV6	14/12/16/3/3/2/490	DEAT/EIA/0001770/2013
PV3	14/12/16/3/3/2/487	DEAT/EIA/0001767/2013	PV7	14/12/16/3/3/2/491	DEAT/EIA/0001771/2013
PV5	14/12/16/3/3/2/489	DEAT/EIA/0001769/2013			

**AVAILABILITY OF THE FINAL ENVIRONMENTAL IMPACT ASSESSMENT REPORTS FOR
COMMENT**

The comments received from the Eskom (Pty) Ltd dated 5 September 2013, has reference. The Final Environmental Impact Assessment Reports have been compiled and are available for public comment from **22 November 2013 until 12 December 2013 for a period of 21 days**. Please find enclosed one hard copy for your review. We respectfully request that you please submit your comments to the undersigned on/ before **12 December 2013**.

Should you require any further information or have any queries please contact the undersigned.

Yours sincerely
AURECON

NOMVELO SIWELA

Practitioner: Environment and Advisory Services

FRANCI GRESSE

Senior Practitioner: Environment and Advisory Services

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20 November 2013

Email: franci.gresse@aurecongroup.com

Pixley ka Seme District Municipality
Culvert Road. Industrial Area
De Aar
7000
Tel: 053 631 0891

Attention: Mr Ivan Hermanus

Dear Mr Hermanus

**PROPOSED PV2-PV11 PHOTOVOLTAIC ENERGY PLANTS ON FARM HOEKPLAAS NEAR COPPERTON,
NORTHERN CAPE**

PLANTS	DEA REF NO	NEAS REF NO	PLANTS	DEA REF NO	NEAS REF NO
PV2	14/12/16/3/3/2/493	DEA/EIA/0001754/2013	PV7	14/12/16/3/3/2/498	DEA/EIA/0001759/2013
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PV5	14/12/16/3/3/2/496	DEA/EIA/0001757/2013	PV10	14/12/16/3/3/2/501	DEA/EIA/0001762/2013
PV6	14/12/16/3/3/2/497	DEA/EIA/0001758/2013			

**PROPOSED PV2-PV7 PHOTOVOLTAIC ENERGY PLANTS ON FARM KLIPGATS PAN NEAR COPPERTON,
NORTHERN CAPE**

PLANTS	DEA REF NO	NEAS REF NO	PLANTS	DEA REF NO	NEAS REF NO
PV2	14/12/16/3/3/2/486	DEAT/EIA/0001766/2013	PV6	14/12/16/3/3/2/490	DEAT/EIA/0001770/2013
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PV5	14/12/16/3/3/2/489	DEAT/EIA/0001769/2013			

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Yours sincerely
AURECON

NOMVELO SIWELA

Practitioner: Environment and Advisory Services

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FRANCI GRESSE

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20 November 2013

Email: franci.gresse@aurecongroup.com

South African Heritage Resources Agency (SAHRA)
111 Harrington Street
Cape Town
8001
Tel: 021 462 4502

Attention: Ms Jenna Lavin

Dear Ms Lavin,

**PROPOSED PV2-PV11 PHOTOVOLTAIC ENERGY PLANTS ON FARM HOEKPLAAS NEAR COPPERTON,
NORTHERN CAPE**

PLANTS	DEA REF NO	NEAS REF NO	PLANTS	DEA REF NO	NEAS REF NO
PV2	14/12/16/3/3/2/493	DEA/EIA/0001754/2013	PV7	14/12/16/3/3/2/498	DEA/EIA/0001759/2013
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PV5	14/12/16/3/3/2/496	DEA/EIA/0001757/2013	PV10	14/12/16/3/3/2/501	DEA/EIA/0001762/2013
PV6	14/12/16/3/3/2/497	DEA/EIA/0001758/2013			

**PROPOSED PV2-PV7 PHOTOVOLTAIC ENERGY PLANTS ON FARM KLIPGATS PAN NEAR COPPERTON,
NORTHERN CAPE**

PLANTS	DEA REF NO	NEAS REF NO	PLANTS	DEA REF NO	NEAS REF NO
PV2	14/12/16/3/3/2/486	DEAT/EIA/0001766/2013	PV6	14/12/16/3/3/2/490	DEAT/EIA/0001770/2013
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**AVAILABILITY OF THE FINAL ENVIRONMENTAL IMPACT ASSESSMENT REPORTS FOR
COMMENT**

The final comment received from the South African Heritage Resources Agency dated 30 October 2013, has reference. The Final EIA Reports have been compiled and are available for public comment from **22 November 2013 until 12 December 2013 for a period of 21 days. These reports will be uploaded to the South African Heritage Resources Information System website.** Please find herewith included a copy of the Comments and Response Report 2 for your records. We request that you supply us with your comments before **12 December 2013.**

Should you require any further information or have any queries please contact the undersigned.

Yours sincerely
AURECON


NOMVELO SIWELA

Practitioner: Environment and Advisory Services


FRANCI GRESSE

Senior Practitioner: Environment and Advisory Services

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20 November 2013

Email: franci.gresse@aurecongroup.com

Northern Cape Provincial Heritage
1 Roper Street
Kimberly
8301
Tel: 079 036 9294

Attention: Mr Andrew Timothy

Dear Mr Timothy,

**PROPOSED PV2-PV11 PHOTOVOLTAIC ENERGY PLANTS ON FARM HOEKPLAAS NEAR COPPERTON,
NORTHERN CAPE**

PLANTS	DEA REF NO	NEAS REF NO	PLANTS	DEA REF NO	NEAS REF NO
PV2	14/12/16/3/3/2/493	DEA/EIA/0001754/2013	PV7	14/12/16/3/3/2/498	DEA/EIA/0001759/2013
PV3	14/12/16/3/3/2/494	DEA/EIA/0001755/2013	PV8	14/12/16/3/3/2/499	DEA/EIA/0001760/2013
PV4	14/12/16/3/3/2/495	DEA/EIA/0001756/2013	PV9	14/12/16/3/3/2/500	DEA/EIA/0001761/2013
PV5	14/12/16/3/3/2/496	DEA/EIA/0001757/2013	PV10	14/12/16/3/3/2/501	DEA/EIA/0001762/2013
PV6	14/12/16/3/3/2/497	DEA/EIA/0001758/2013			

**PROPOSED PV2-PV7 PHOTOVOLTAIC ENERGY PLANTS ON FARM KLIPGATS PAN NEAR COPPERTON,
NORTHERN CAPE**

PLANTS	DEA REF NO	NEAS REF NO	PLANTS	DEA REF NO	NEAS REF NO
PV2	14/12/16/3/3/2/486	DEAT/EIA/0001766/2013	PV6	14/12/16/3/3/2/490	DEAT/EIA/0001770/2013
PV3	14/12/16/3/3/2/487	DEAT/EIA/0001767/2013	PV7	14/12/16/3/3/2/491	DEAT/EIA/0001771/2013
PV5	14/12/16/3/3/2/489	DEAT/EIA/0001769/2013			

**AVAILABILITY OF THE FINAL ENVIRONMENTAL IMPACT ASSESSMENT REPORTS FOR
COMMENT**

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Should you require any further information or have any queries please contact the undersigned.

Yours sincerely
AURECON

NOMVELO SIWELA

Practitioner: Environment and Advisory Services

FRANCI GRESSE

Senior Practitioner: Environment and Advisory Services

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20 November 2013

Email: franci.gresse@aurecongroup.com

Department of Energy (Northern Cape): Regional Energy
192 Visagie Street
Pretoria
8301
Tel: 053 807 1752

Attention: Ms Nomawethu Qase

Dear Ms Qase,

**PROPOSED PV2-PV11 PHOTOVOLTAIC ENERGY PLANTS ON FARM HOEKPLAAS NEAR COPPERTON,
NORTHERN CAPE**

PLANTS	DEA REF NO	NEAS REF NO	PLANTS	DEA REF NO	NEAS REF NO
PV2	14/12/16/3/3/2/493	DEA/EIA/0001754/2013	PV7	14/12/16/3/3/2/498	DEA/EIA/0001759/2013
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PV4	14/12/16/3/3/2/495	DEA/EIA/0001756/2013	PV9	14/12/16/3/3/2/500	DEA/EIA/0001761/2013
PV5	14/12/16/3/3/2/496	DEA/EIA/0001757/2013	PV10	14/12/16/3/3/2/501	DEA/EIA/0001762/2013
PV6	14/12/16/3/3/2/497	DEA/EIA/0001758/2013			

**PROPOSED PV2-PV7 PHOTOVOLTAIC ENERGY PLANTS ON FARM KLIPGATS PAN NEAR COPPERTON,
NORTHERN CAPE**

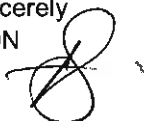
PLANTS	DEA REF NO	NEAS REF NO	PLANTS	DEA REF NO	NEAS REF NO
PV2	14/12/16/3/3/2/486	DEAT/EIA/0001766/2013	PV6	14/12/16/3/3/2/490	DEAT/EIA/0001770/2013
PV3	14/12/16/3/3/2/487	DEAT/EIA/0001767/2013	PV7	14/12/16/3/3/2/491	DEAT/EIA/0001771/2013
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Yours sincerely
AURECON



NOMVELO SIWELA

Practitioner: Environment and Advisory Services



FRANCI GRESSE

Senior Practitioner: Environment and Advisory Services

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20 November 2013

Email: franci.gresse@aurecongroup.com

Department of Agriculture Fisheries and Forestry:
Delphen Building
Cnr Annie Botha and Union Street
Pretoria
8300
Tel: 021 319 7634

Attention: BN De Lange

Dear Mr/Ms De Lange,

**PROPOSED PV2-PV11 PHOTOVOLTAIC ENERGY PLANTS ON FARM HOEKPLAAS NEAR COPPERTON,
NORTHERN CAPE**

PLANTS	DEA REF NO	NEAS REF NO	PLANTS	DEA REF NO	NEAS REF NO
PV2	14/12/16/3/3/2/493	DEA/EIA/0001754/2013	PV7	14/12/16/3/3/2/498	DEA/EIA/0001759/2013
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PV5	14/12/16/3/3/2/496	DEA/EIA/0001757/2013	PV10	14/12/16/3/3/2/501	DEA/EIA/0001762/2013
PV6	14/12/16/3/3/2/497	DEA/EIA/0001758/2013			

**PROPOSED PV2-PV7 PHOTOVOLTAIC ENERGY PLANTS ON FARM KLIPGATS PAN NEAR COPPERTON,
NORTHERN CAPE**

PLANTS	DEA REF NO	NEAS REF NO	PLANTS	DEA REF NO	NEAS REF NO
PV2	14/12/16/3/3/2/486	DEAT/EIA/0001766/2013	PV6	14/12/16/3/3/2/490	DEAT/EIA/0001770/2013
PV3	14/12/16/3/3/2/487	DEAT/EIA/0001767/2013	PV7	14/12/16/3/3/2/491	DEAT/EIA/0001771/2013
PV5	14/12/16/3/3/2/489	DEAT/EIA/0001769/2013			

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Yours sincerely
AURECON

NOMVELO SIWELA

Practitioner: Environment and Advisory Services

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20 November 2013

Email: franci.gresse@aurecongroup.com

Department of Agriculture Fisheries and Forestry:
Delphen Building
Cnr Annie Botha and Union Street
Pretoria
8300
Tel: 021 319 7634

Attention: Ms T Buthelezi

Dear Ms Buthelezi,

**PROPOSED PV2-PV11 PHOTOVOLTAIC ENERGY PLANTS ON FARM HOEKPLAAS NEAR COPPERTON,
NORTHERN CAPE**

PLANTS	DEA REF NO	NEAS REF NO	PLANTS	DEA REF NO	NEAS REF NO
PV2	14/12/16/3/3/2/493	DEA/EIA/0001754/2013	PV7	14/12/16/3/3/2/498	DEA/EIA/0001759/2013
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**PROPOSED PV2-PV7 PHOTOVOLTAIC ENERGY PLANTS ON FARM KLIPGATS PAN NEAR COPPERTON,
NORTHERN CAPE**

PLANTS	DEA REF NO	NEAS REF NO	PLANTS	DEA REF NO	NEAS REF NO
PV2	14/12/16/3/3/2/486	DEAT/EIA/0001766/2013	PV6	14/12/16/3/3/2/490	DEAT/EIA/0001770/2013
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PV5	14/12/16/3/3/2/489	DEAT/EIA/0001769/2013			

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Yours sincerely
AURECON

NOMVELO SIWELA

Practitioner: Environment and Advisory Services

FRANCI GRESSE

Senior Practitioner: Environment and Advisory Services

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20 November 2013

Email: franci.gresse@aurecongroup.com

Square Kilometer Array (SKA)
17 Baker Street
Rosebank
2196
Tel: 011 442 2434

Attention: Dr Adrian Tiplady

Dear Dr Tiplady,

**PROPOSED PV2-PV11 PHOTOVOLTAIC ENERGY PLANTS ON FARM HOEKPLAAS NEAR COPPERTON,
NORTHERN CAPE**

PLANTS	DEA REF NO	NEAS REF NO	PLANTS	DEA REF NO	NEAS REF NO
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PV6	14/12/16/3/3/2/497	DEA/EIA/0001758/2013			

**PROPOSED PV2-PV7 PHOTOVOLTAIC ENERGY PLANTS ON FARM KLIPGATS PAN NEAR COPPERTON,
NORTHERN CAPE**

PLANTS	DEA REF NO	NEAS REF NO	PLANTS	DEA REF NO	NEAS REF NO
PV2	14/12/16/3/3/2/486	DEAT/EIA/0001766/2013	PV6	14/12/16/3/3/2/490	DEAT/EIA/0001770/2013
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PV5	14/12/16/3/3/2/489	DEAT/EIA/0001769/2013			

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Should you require any further information or have any queries please contact the undersigned.

Yours sincerely
AURECON


NOMVELO SIWELA

Practitioner: Environment and Advisory Services


FRANCI GRESSE

Senior Practitioner: Environment and Advisory Services

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20 November 2013

Email: franci.gresse@aurecongroup.com

Department of Agriculture Fisheries and Forestry:
Delphen Building
Cnr Annie Botha and Union Street
Pretoria
8300
Tel: 021 319 7634

Attention: Mr M. Marubini

Dear Mr Marubini,

**PROPOSED PV2-PV11 PHOTOVOLTAIC ENERGY PLANTS ON FARM HOEKPLAAS NEAR COPPERTON,
NORTHERN CAPE**

PLANTS	DEA REF NO	NEAS REF NO	PLANTS	DEA REF NO	NEAS REF NO
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PV6	14/12/16/3/3/2/497	DEA/EIA/0001758/2013			

**PROPOSED PV2-PV7 PHOTOVOLTAIC ENERGY PLANTS ON FARM KLIPGATS PAN NEAR COPPERTON,
NORTHERN CAPE**

PLANTS	DEA REF NO	NEAS REF NO	PLANTS	DEA REF NO	NEAS REF NO
PV2	14/12/16/3/3/2/486	DEAT/EIA/0001766/2013	PV6	14/12/16/3/3/2/490	DEAT/EIA/0001770/2013
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PV5	14/12/16/3/3/2/489	DEAT/EIA/0001769/2013			

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Yours sincerely

AURECON



NOMVELO SIWELA

Practitioner: Environment and Advisory Services



FRANCI GRESSE

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20 November 2013

Email: franci.gresse@aurecongroup.com

Civil Aviation Authority (CAA):

16 Treur Close
Waterfall Office Park
Midrand
1685
Tel: 011 545 1255

Attention: Mr Zimele Mtimkulu

Dear Mr Mtimkulu,

**PROPOSED PV2-PV11 PHOTOVOLTAIC ENERGY PLANTS ON FARM HOEKPLAAS NEAR COPPERTON,
NORTHERN CAPE**

PLANTS	DEA REF NO	NEAS REF NO	PLANTS	DEA REF NO	NEAS REF NO
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PV6	14/12/16/3/3/2/497	DEA/EIA/0001758/2013			

**PROPOSED PV2-PV7 PHOTOVOLTAIC ENERGY PLANTS ON FARM KLIPGATS PAN NEAR COPPERTON,
NORTHERN CAPE**

PLANTS	DEA REF NO	NEAS REF NO	PLANTS	DEA REF NO	NEAS REF NO
PV2	14/12/16/3/3/2/486	DEAT/EIA/0001766/2013	PV6	14/12/16/3/3/2/490	DEAT/EIA/0001770/2013
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PV5	14/12/16/3/3/2/489	DEAT/EIA/0001769/2013			

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AURECON

NOMVELO SIWELA

Practitioner: Environment and Advisory Services

FRANCI GRESSE

Senior Practitioner: Environment and Advisory Services

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20 November 2013

Email: franci.gresse@aurecongroup.com

Mulilo Renewable Energy (Pty) Ltd
Office 301
Execujet Business Centre
Tower Road
CAPE TOWN INTERNATIONAL AIRPORT
7525

Attention: Mr Warren Morse

Dear Warren,

PROPOSED PV2-PV11 PHOTOVOLTAIC ENERGY PLANTS ON FARM HOEKPLAAS NEAR COPPERTON, NORTHERN CAPE

PLANTS	DEA REF NO	NEAS REF NO	PLANTS	DEA REF NO	NEAS REF NO
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PV6	14/12/16/3/3/2/497	DEA/EIA/0001758/2013			

PROPOSED PV2-PV7 PHOTOVOLTAIC ENERGY PLANTS ON FARM KLIPGATS PAN NEAR COPPERTON, NORTHERN CAPE

PLANTS	DEA REF NO	NEAS REF NO	PLANTS	DEA REF NO	NEAS REF NO
PV2	14/12/16/3/3/2/486	DEAT/EIA/0001766/2013	PV6	14/12/16/3/3/2/490	DEAT/EIA/0001770/2013
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PV5	14/12/16/3/3/2/489	DEAT/EIA/0001769/2013			

AVAILABILITY OF THE FINAL ENVIRONMENTAL IMPACT ASSESSMENT REPORTS

Please find enclosed one electronic and one hard copy of the Final Environmental Impact Reports for the proposed photovoltaic energy plants on farms Hoekplaas and Klipgats Pan near Copperton in the Northern Cape for your records. These reports will be made available for public review and comment from **22 November 2013 until 12 December 2013**.

Yours sincerely

AURECON

NOMVELO SIWELA

Practitioner: Environment and Advisory Services

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20 November 2013

Email: franci.gresse@aurecongroup.com

Letznietz Guest House
c/o BP Service Station
Lood Boulevard
Prieska
8940
Tel: 053 353 2047

Attention: Mrs Hester Meyer

Dear Mrs Meyer,

PROPOSED PV2-PV11 PHOTOVOLTAIC ENERGY PLANTS ON FARM HOEKPLAAS NEAR COPPERTON, NORTHERN CAPE

PLANTS	DEA REF NO	NEAS REF NO	PLANTS	DEA REF NO	NEAS REF NO
PV2	14/12/16/3/3/2/493	DEA/EIA/0001754/2013	PV7	14/12/16/3/3/2/498	DEA/EIA/0001759/2013
PV3	14/12/16/3/3/2/494	DEA/EIA/0001755/2013	PV8	14/12/16/3/3/2/499	DEA/EIA/0001760/2013
PV4	14/12/16/3/3/2/495	DEA/EIA/0001756/2013	PV9	14/12/16/3/3/2/500	DEA/EIA/0001761/2013
PV5	14/12/16/3/3/2/496	DEA/EIA/0001757/2013	PV10	14/12/16/3/3/2/501	DEA/EIA/0001762/2013
PV6	14/12/16/3/3/2/497	DEA/EIA/0001758/2013			

PROPOSED PV2-PV7 PHOTOVOLTAIC ENERGY PLANTS ON FARM KLIPGATS PAN NEAR COPPERTON, NORTHERN CAPE

PLANTS	DEA REF NO	NEAS REF NO	PLANTS	DEA REF NO	NEAS REF NO
PV2	14/12/16/3/3/2/486	DEAT/EIA/0001766/2013	PV6	14/12/16/3/3/2/490	DEAT/EIA/0001770/2013
PV3	14/12/16/3/3/2/487	DEAT/EIA/0001767/2013	PV7	14/12/16/3/3/2/491	DEAT/EIA/0001771/2013
PV5	14/12/16/3/3/2/489	DEAT/EIA/0001769/2013			

AVAILABILITY OF THE FINAL ENVIRONMENTAL IMPACT ASSESSMENT REPORTS FOR PUBLIC COMMENT

Please find enclosed hard copies of the Final Environmental Impact Reports for the above-mentioned projects for placement in the Letznietz Guest House from **22 November 2013 until 12 December 2013**. The reports are intended for review by interested members of the public. **We would appreciate if you could please ensure that the public have access to the reports which are to remain on the Letznietz Guest House's premises at all times.**

Furthermore, as part of our public consultation process, please stamp and sign this letter and fax or email it back to Aurecon as proof of placement required by the Department of Environmental Affairs.

EIA project team	Nomvelo Siwela	Franci Gresse
Telephone number:	021 526 6025	021 526 6022
Facsimile number:	021 526 9500	021 526 9500
Email address:	nomvelo.siwela@aurecongroup.com	franci.gresse@aurecongroup.com
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Aurecon South Africa (Pty) Ltd Reg No 1977/003711/07
Board of Directors
BMH Tsita (Chairperson), ZB Ebrahim, AB Geldenhuys,
NN Gwagwa, RM Khoza, SA le Roux, PC Lombard

ISO 9001 Certified
Member of CESA and ASAQs
Silver Founding Member of the
Green Building Council of
South Africa

*Under licence from Aurecon Group Brand (Pte) Ltd Reg no 200903592H

.....
Letznietz Guest House (Stamp or Signature)

.....
Date

Please do not hesitate to contact us should you have any questions.

Yours sincerely,
Aurecon



NOMVELO SIWELA

Practitioner: Environment and Advisory Services

P:\Projects\109378- Mulilo Extended Prieska PVs\03 DELIVERY\05 PPP\Final - EIR\Letters\LTR201113 to letznietz GH re
FEIARs.doc



FRANCI GRESSE

Senior Practitioner: Environment and Advisory Services

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 Aurecon Centre
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 W aurecongroup.com



PO Box 494
 Cape Town
 8000
 Docex: DX 204

20 November 2013

Email: franci.gresse@aurecongroup.com

Prieska (Elizabeth Vermeulen) Public Library
 Stewart Street
 Prieska
 8940
 Tel: 053 353 5305

Attention: Mrs D Accom

Dear Mrs Accom,

PROPOSED PV2-PV11 PHOTOVOLTAIC ENERGY PLANTS ON FARM HOEKPLAAS NEAR COPPERTON, NORTHERN CAPE

PLANTS	DEA REF NO	NEAS REF NO	PLANTS	DEA REF NO	NEAS REF NO
PV2	14/12/16/3/3/2/493	DEA/EIA/0001754/2013	PV7	14/12/16/3/3/2/498	DEA/EIA/0001759/2013
PV3	14/12/16/3/3/2/494	DEA/EIA/0001755/2013	PV8	14/12/16/3/3/2/499	DEA/EIA/0001760/2013
PV4	14/12/16/3/3/2/495	DEA/EIA/0001756/2013	PV9	14/12/16/3/3/2/500	DEA/EIA/0001761/2013
PV5	14/12/16/3/3/2/496	DEA/EIA/0001757/2013	PV10	14/12/16/3/3/2/501	DEA/EIA/0001762/2013
PV6	14/12/16/3/3/2/497	DEA/EIA/0001758/2013			

PROPOSED PV2-PV7 PHOTOVOLTAIC ENERGY PLANTS ON FARM KLIPGATS PAN NEAR COPPERTON, NORTHERN CAPE

PLANTS	DEA REF NO	NEAS REF NO	PLANTS	DEA REF NO	NEAS REF NO
PV2	14/12/16/3/3/2/486	DEAT/EIA/0001766/2013	PV6	14/12/16/3/3/2/490	DEAT/EIA/0001770/2013
PV3	14/12/16/3/3/2/487	DEAT/EIA/0001767/2013	PV7	14/12/16/3/3/2/491	DEAT/EIA/0001771/2013
PV5	14/12/16/3/3/2/489	DEAT/EIA/0001769/2013			

AVAILABILITY OF THE FINAL ENVIRONMENTAL IMPACT ASSESSMENT REPORTS FOR PUBLIC COMMENT

Please find enclosed hard copies of the Final Environmental Impact Reports for the above-mentioned projects for placement in the Prieska (Elizabeth Vermeulen) Public Library from **22 November 2013 until 12 December 2013**. The reports are intended for review by interested members of the public. **We would appreciate if you could please ensure that the public have access to the reports which must remain on the Prieska (Elizabeth Vermeulen) Public Library's premises at all times.**

Furthermore, as part of our public consultation process, please stamp and sign this letter and fax or email it back to Aurecon as proof of placement required by the Department of Environmental Affairs.

EIA project team	Nomvelo Siwela	Franci Gresse
Telephone number:	021 526 6025	021 526 6022
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Email address:	nomvelo.siwela@aurecongroup.com	franci.gresse@aurecongroup.com
Postal address:	PO Box 494, Cape Town, 8000	PO Box 494, Cape Town, 8000

.....
Prieska Public Library (Stamp or Signature)

.....
Date

Please do not hesitate to contact us should you have any questions.

Yours sincerely
Aurecon



NOMVELO SIWELA

Practitioner: Environment and Advisory Services



FRANCI GRESSE

Senior Practitioner: Environment and Advisory Services

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ANNEXURE B4

PUBLIC PARTICIPATION

- Newspaper Adverts



Sylvia Lucas, Premier van die Noord-Kaap was Maandagoggend baie besig. Sy het die "rebirth" van die pragtige Protea Hotel geopen (meer daarvoor in volgende week se Gembok), het verjaer en 'n kleinkind ryker geword. Hier staan sy met blomme wat sy van die hotelgroep ontvang het.

Nog aurecon adv op bl. 19

ELEVEN PROPOSED PV ENERGY PLANTS ON FARM HOEKPLAAS NEAR COPPERTON, NORTHERN CAPE: ENVIRONMENTAL IMPACT ASSESSMENT PROCESS PUBLIC PARTICIPATION

Project	DEA Ref. No.	NEAS Ref. No.
PV2	14/12/16/3/2/493	DEA/EIA/0001754/2013
PV3	14/12/16/3/2/494	DEA/EIA/0001755/2013
PV4	14/12/16/3/2/495	DEA/EIA/0001756/2013
PV5	14/12/16/3/2/496	DEA/EIA/0001757/2013
PV6	14/12/16/3/2/497	DEA/EIA/0001758/2013
PV7	14/12/16/3/2/498	DEA/EIA/0001759/2013
PV8	14/12/16/3/2/499	DEA/EIA/0001760/2013
PV9	14/12/16/3/2/500	DEA/EIA/0001761/2013
PV10	14/12/16/3/2/501	DEA/EIA/0001762/2013
PV11	14/12/16/3/2/502	DEA/EIA/0001763/2013

Mulilo Renewable Energy (Pty) Ltd proposes to construct 11 x 75 MW photovoltaic (PV) solar energy plants on the farm Hoekplaas (Farm 146/RE) near Copperton in the Northern Cape. Electricity would be evacuated via a new 132 kV transmission line to the Kronos substation. Associated infrastructure would include, amongst others, boundary fences, substations, internal farm road upgrades and transmission lines.

The Draft Scoping Report (DSR) is available for a 40 day comment period from **30 April 2013 until 10 June 2013** at the Prieska (Elizabeth Vermeulen) Public Library, letznietz Guest House in Copperton and on the Aurecon website (www.aurecongroup.com) - indicate "Current Location" as "South Africa" and follow the Public Participation link.

The proposed project is listed in terms of the National Environment Management Act (NEMA) (No. 107 of 1998). As such authorisation from the competent environmental authority, namely the Department of Environmental Affairs, via the Environmental Impact Assessment (EIA) process (GN No. R544 of 18 June 2010) is necessary. The proposed projects trigger activities in terms of GN No. 544, GN No. 546 and GN No. 545 published in terms of NEMA.

Aurecon (Pty) Ltd (Aurecon) has been appointed to undertake the required EIA process. Notice is hereby given of the commencement of a public participation process in terms of the NEMA EIA Regulations 2010. The applications for the above-mentioned project have been submitted to the competent authority (DEA in terms of these Regulations).

If you would like to receive more information, raise issues or concerns or register as an interested and affected party, please contact Aurecon by **10 June 2013** at:

T (021) 526 6025, F (021) 526 9500
 Nomvelo.Siwela@aurecongroup.com
 or PO Box 494, Cape Town, 8000,
 Att: Nomvelo Siwela / Franci Gresse



Arno van Sittert spog met sy uitstekende prestasies vir 2012.

Leerling v/d jaar

KATHU: Upingtonner, Arno van Sittert, is by die jaarlikse leerling vak toekennings aangewys as Kumba Ystererts Myn, in Kathu, se plaat en metaal leerling sweiser winner vir 2012.

Hy spog ook met die prestasie as die beste tegniese leerling van al die leerlinge by dié instituut vir 2012.

Arno is 'n voormalige leerling van Hoërskool Duineveld en seun van Hugo en Sanet van Sittert.

Home for Precious

The Catholic Women's League Adoption Society (NO no 000-694) is urgently looking for the biological parents of Siyabulela Precious Kamana born 15.10.2012.

The biological parents, Thembeka Kamana and Allen Kabuya, must call Lydia on 0116181533 regarding the adoption.

where best friends become Great... **15 Desember 2012**
 Nuwe eienaars sedert 15 Desember 2012

Friends

Almal is welkom om te kom inloer, ons plattelandse gasvryheid te ervaar en ons
 * Lekker plaas ontbyt * Ligte maaltye en
 * Heerlike soet- en soutversnapperinge te geniet...






Van Wyk & JC Myburgh

Ons het Hoërskool Duineveld se skoustalletjie oorgeneem en ons nooi al ons klante, vriende en skougangers om tydens die skou in ons gesellige lokaal iets lekker te kom geniet... Tydens die skouerrigtinge is Friends Coffee Shop in Scottstraat net soggens oop vanaf 08:00 - 14:00, maar ons is vanaf vroegoggend tot laat by ons skoustalletjie.

Ons is tenvolle gelisensieërd en u is welkom om vir funksies te bespreek... Kom gesels gerus met ons.

Scottstraat, Upington
054 332 3331
083 872 3230

NK Premier het besige Maandag

Baie Dankie
 dat julle ons in so kokon van liefde en omgee toevou...
 Christi, Santjie, Joubert & Chris-Johan

As jy nog graag 'n begrafnisbrief wou hê, kontak Christi by 054 332 5355

BEOOGDE SES FOTOVOLTAÏESE-AANLEGTE OP KLIPGATS PAN NABY COPPERTON, NOORD-KAAP: OMGEWINGSINVLOEDBEPALING PROSES VAN OPENBARE DEELNAME

Projek	DOS Verw. Nr.	NEAS Verw. Nr.
PV2	14/12/16/3/2/486	DEA/EIA/0001766/2013
PV3	14/12/16/3/2/487	DEA/EIA/0001767/2013
PV4	14/12/16/3/2/488	DEA/EIA/0001768/2013
PV5	14/12/16/3/2/489	DEA/EIA/0001769/2013
PV6	14/12/16/3/2/490	DEA/EIA/0001770/2013
PV7	14/12/16/3/2/491	DEA/EIA/0001771/2013

Mulilo Renewable Energy (Pty) Ltd beoog die ontwikkeling van ses (6) 75 MW fotovoltaïese sonenergie-aanlegte op Klippats Pan (Plaas 117/4) wat naby Copperton in die Noord-Kaap geleë is. Elektrisiteit sal by wyse van 'n nuwe 132 kV verbinding na die Kronos-substasie gelei word. Bykomende infrastruktuur sluit in, onder andere, die omheining van die aanlegte, substasies, opgradering van interne plaas paaie en konstruksie van transmissielynne.

Die Konsep Omvangbepalingverslae (OBV) is beskikbaar vir 'n kommentaar periode van 40 dae vanaf **30 April 2013 tot 10 Junie 2013** en kan besigtig word by die Prieska (Elizabeth Vermeulen) Openbare Biblioteek, letznietz Gastehuis te Copperton en op Aurecon se webwerf (www.aurecongroup.com) - dui "Current Location" aan as "Suid-Afrika" en volg die "Public Participation"-skakel).

Die beoogde projek is 'n gelyste bedrywigheid kragtens die Wet op Nasionale Omgewingsbestuur (WNOB) (Nr. 107 van 1998), en verg dus 'n magtiging van die bevoegde owerheid, naamlik die Departement van Omgewingsake, na afloop van 'n Omgewingsinvloedbepalingsproses (OIB) soos uiteengesit in GK Nr. R544 van 18 Junie 2010). Die beoogde projekte het bedrywighede van GK Nr. 544, GK Nr. 545 en GK Nr. 546, soos afgekondig in terme van die WNOB, tot gevolg.

Aurecon (Edms) Bpk (Aurecon) is aangestel om die vereiste OIB-proses uit te voer.

Kennis geskied hiermee van die aanvang van die proses van openbare deelname kragtens die WNOB se OIB-regulasies 2010. Die aansoek vir die bogenoemde projek is in terme van die Regulasies ingedien by die DOS.

Indien u enige verdere inligting verlang, kwessies of kwellinge wil identifiseer of as 'n belanghebbende en geaffekteerde party wil registreer, kan u met Aurecon in verbinding tree teen **10 Junie 2013** by:

T (021) 526 6025, F (021) 526 9500,
 Nomvelo.Siwela@aurecongroup.com
 Posbus 494, Kaapstad, 8000
 Aandag: Nomvelo Siwela / Franci Gresse



BEOOGDE ELF FOTOVOLTAÏESE-AANLEGTE OP HOEKPLAAS NABY COPPERTON, NOORD-KAAP: OMGEWINGSINVLOEDBEPALING PROSES VAN OPENBARE DEELNAME

Projek	DOS Verw. Nr.	NEAS Verw. Nr.
PV2	14/12/16/3/2/493	DEA/EIA/0001754/2013
PV3	14/12/16/3/2/494	DEA/EIA/0001755/2013
PV4	14/12/16/3/2/495	DEA/EIA/0001756/2013
PV5	14/12/16/3/2/496	DEA/EIA/0001757/2013
PV6	14/12/16/3/2/497	DEA/EIA/0001758/2013
PV7	14/12/16/3/2/498	DEA/EIA/0001759/2013
PV8	14/12/16/3/2/499	DEA/EIA/0001760/2013
PV9	14/12/16/3/2/500	DEA/EIA/0001761/2013
PV10	14/12/16/3/2/501	DEA/EIA/0001762/2013
PV11	14/12/16/3/2/502	DEA/EIA/0001763/2013

Mulilo Renewable Energy (Pty) Ltd beoog die ontwikkeling van 11 x 75 MW fotovoltaïese sonenergie-aanlegte op Hoekplaas (Plaas 146/RE) wat naby Copperton in die Noord-Kaap geleë is. Elektrisiteit sal by wyse van 'n nuwe 132 kV verbinding na die Kronos-substasie gelei word. Bykomende infrastruktuur sluit in, onder andere, die omheining van die aanlegte, substasies, opgradering van interne plaas paaie en konstruksie van transmissielynne.

Die Konsep Omvangbepalingverslae (OBV) is beskikbaar vir 'n kommentaar periode van 40 dae vanaf **30 April 2013 tot 10 Junie 2013** en kan besigtig word by die Prieska (Elizabeth Vermeulen) Openbare Biblioteek, letznietz Gastehuis te Copperton en op Aurecon se webwerf (www.aurecongroup.com) - dui "Current Location" aan as "Suid-Afrika" en volg die "Public Participation"-skakel).

Die beoogde projek is 'n gelyste bedrywigheid kragtens die Wet op Nasionale Omgewingsbestuur (WNOB) (Nr. 107 van 1998), en verg dus 'n magtiging van die bevoegde owerheid, naamlik die Departement van Omgewingsake, na afloop van 'n Omgewingsinvloedbepalingsproses (OIB) soos uiteengesit in GK Nr. R544 van 18 Junie 2010). Die beoogde projekte het bedrywighede van GK Nr. 544, GK Nr. 545 en GK Nr. 546, soos afgekondig in terme van die WNOB, tot gevolg.

Aurecon (Edms) Bpk (Aurecon) is aangestel om die vereiste OIB-proses uit te voer.

Kennis geskied hiermee van die aanvang van die proses van openbare deelname kragtens die WNOB se OIB-regulasies 2010. Die aansoek vir die bogenoemde projek is in terme van die Regulasies ingedien by die DOS.

Indien u enige verdere inligting verlang, kwessies of kwellinge wil identifiseer of as 'n belanghebbende en geaffekteerde party registreer, word u versoek om met Aurecon in verbinding te tree teen **10 Junie 2013** by:

T (021) 526 6025, F (021) 526 9500,
 Nomvelo.Siwela@aurecongroup.com
 Posbus 494, Kaapstad, 8000
 Aandag: Nomvelo Siwela / Franci Gresse



**ELEVEN PROPOSED PV ENERGY PLANTS ON FARM HOEKPLAAS NEAR COPPERTON, NORTHERN CAPE: ENVIRONMENTAL IMPACT ASSESSMENT PROCESS
PUBLIC PARTICIPATION**

Project	DEA Ref. No.	NEAS Ref. No.
PV2	14/12/16/3/3/2/493	DEA/EIA/0001754/2013
PV3	14/12/16/3/3/2/494	DEA/EIA/0001755/2013
PV4	14/12/16/3/3/2/495	DEA/EIA/0001756/2013
PV5	14/12/16/3/3/2/496	DEA/EIA/0001757/2013
PV6	14/12/16/3/3/2/497	DEA/EIA/0001758/2013
PV7	14/12/16/3/3/2/498	DEA/EIA/0001759/2013
PV8	14/12/16/3/3/2/499	DEA/EIA/0001760/2013
PV9	14/12/16/3/3/2/500	DEA/EIA/0001761/2013
PV10	14/12/16/3/3/2/501	DEA/EIA/0001762/2013
PV11	14/12/16/3/3/2/502	DEA/EIA/0001763/2013

Mulilo Renewable Energy (Pty) Ltd proposes to construct 11 x 75 MW photovoltaic (PV) solar energy plants on the farm Hoekplaas (Farm 146/RE) near Copperton in the Northern Cape. Electricity would be evacuated via a new 132 kV transmission line to the Kronos substation. Associated infrastructure would include, amongst others, boundary fences, substations, internal farm road upgrades and transmission lines.

The Draft Scoping Report (DSR) is available for a 40 day comment period from **30 April 2013 until 10 June 2013** at the Prieska (Elizabeth Vermeulen) Public Library, Ietznietz Guest House in Copperton and on the Aurecon website (www.aurecongroup.com) - indicate "Current Location" as "South Africa" and follow the Public Participation link).

The proposed project is listed in terms of the National Environment Management Act (NEMA) (No. 107 of 1998). As such authorisation from the competent environmental authority, namely the Department of Environmental Affairs, via the Environmental Impact Assessment (EIA) process (GN No. R544 of 18 June 2010) is necessary. The proposed projects trigger activities in terms of GN No. 544, GN No. 546 and GN No. 545 published in terms of NEMA.

Aurecon (Pty) Ltd (Aurecon) has been appointed to undertake the required EIA process. Notice is hereby given of the commencement of a public participation process in terms of the NEMA EIA Regulations 2010. The applications for the above-mentioned project have been submitted to the competent authority (DEA in terms of these Regulations).

If you would like to receive more information, raise issues or concerns or register as an interested and affected party, please contact Aurecon by **10 June 2013** at:

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or PO Box 494, Cape Town, 8000,
Att: Nomvelo Siwela / Franci Gresse



**BEOOGDE ELF FOTOVOLTAÏESE-AANLEGTE OP HOEKPLAAS NABY COPPERTON, NOORD-KAAP: OMGEWINGSINVLOEDBEPALING
PROSES VAN OPENBARE DEELNAME**

Projek	DOS Verw. Nr.	NEAS Verw. Nr.
PV2	14/12/16/3/3/2/493	DEA/EIA/0001754/2013
PV3	14/12/16/3/3/2/494	DEA/EIA/0001755/2013
PV4	14/12/16/3/3/2/495	DEA/EIA/0001756/2013
PV5	14/12/16/3/3/2/496	DEA/EIA/0001757/2013
PV6	14/12/16/3/3/2/497	DEA/EIA/0001758/2013
PV7	14/12/16/3/3/2/498	DEA/EIA/0001759/2013
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PV9	14/12/16/3/3/2/500	DEA/EIA/0001761/2013
PV10	14/12/16/3/3/2/501	DEA/EIA/0001762/2013
PV11	14/12/16/3/3/2/502	DEA/EIA/0001763/2013

Mulilo Renewable Energy (Pty) Ltd beoog die ontwikkeling van 11 x 75 MW fotovoltaiiese sonenergie-aanlegte op Hoekplaas (Plaas 146/RE) wat naby Copperton in die Noord-Kaap geleë is. Elektriesiteit sal by wyse van 'n nuwe 132 kV verbinding na die Kronos- substasie gelei word. Bykomende infrastruktuur sluit in, onderandere, die omheining van die aanlegte, substasies, opgradering van interne plaaspaaië en konstruksie van transmissielyne.

Die Konsep Ombangbepalingverslae (OBV) is beskikbaar vir 'n kommentaar periode van 40 dae vanaf **30 April 2013 tot 10 Junie 2013** en kan besigtig word by die Prieska (Elizabeth Vermeulen) Openbare Biblioteek, Ietznietz Gastehuis te Copperton en op Aurecon se webwerf (www.aurecongroup.com) - dui "Current Location" aan as "Suid-Afrika" en volg die "Public Participation"-skakel).

Die beoogde projek is 'n gelyste bedrywigheid kragtens die Wet op Nasionale Omgewingsbestuur (WNOB) (Nr. 107 van 1998), en verg dus 'n magtiging van die bevoegde owerheid, naamlik die Departement van Omgewingsake, na afloop van 'n Omgewingsinvloedbepalingsproses (OIB) soos uiteengesit in GK Nr. R544 van 18 Junie 2010). Die beoogde projekte het bedrywighede van GK Nr. 544, GK Nr. 545 en GK Nr. 546, soos afgekondig in terme van die WNOB, tot gevolg.

Aurecon (Edms) Bpk (Aurecon) is aangestel om die vereiste OIB-proses uit te voer.

Kennis geskied hiermee van die aanvang van die proses van openbare deelname kragtens die WNOB se OIB-regulasies 2010. Die aansoeke vir die bogenoemde projek is in terme van die Regulasies ingedien by die DOS.

Indien u enige verdere inligting verlang, kwessies of kwellinge wil identifiseer of as 'n belanghebbende en geaffekteerde party registreer, word u versoek om met Aurecon in verbinding te tree teen **10 Junie 2013** by:

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Nomvelo.Siwela@aurecongroup.com of
Posbus 494, Kaapstad, 8000
Aandag: Nomvelo Siwela / Franci Gresse



ANNEXURE B5

PUBLIC PARTICIPATION

- Site Notices

Site Notice 17 April 2013 Farm Hoekplaas (Remainder of Farm No. 146)



ELEVEN PROPOSED PV ENERGY PLANTS ON FARM HOEKPLAAS NEAR COPPERTON, NORTHERN CAPE. ENVIRONMENTAL IMPACT ASSESSMENT PROCESS

PROSES VAN OPENBARE DEELNAME

PUBLIC PARTICIPATION

Project	DEA Ref. No.	NEPA Ref. No.
P1	14-07-02-02001	28-04-001-1702011
P2	14-07-02-02002	28-04-002-1702011
P3	14-07-02-02003	28-04-003-1702011
P4	14-07-02-02004	28-04-004-1702011
P5	14-07-02-02005	28-04-005-1702011
P6	14-07-02-02006	28-04-006-1702011
P7	14-07-02-02007	28-04-007-1702011
P8	14-07-02-02008	28-04-008-1702011
P9	14-07-02-02009	28-04-009-1702011
P10	14-07-02-02010	28-04-010-1702011
P11	14-07-02-02011	28-04-011-1702011

Mulilo Renewable Energy (Pty) Ltd proposes to construct 11 x 750kW photovoltaic (PV) solar energy plants on the farm Hoekplaas of area 146RE1 near Copperton in the Northern Cape. Electricity would be generated via a new 12kV transmission line to the Koprus substation. Associated infrastructure would include, amongst others, boundary fences, substations, internal farm roads, sagstays and transmission lines.

The proposed project is listed in terms of the National Environment Management Act (NEMA), No. 107 of 1998. As such authorization from the competent environmental authority, namely the Department of Environmental Affairs, via the Environmental Impact Assessment (EIA) process (GK No. REA of 18 June 2010) is necessary. The proposed project is registered in terms of GK No. 544, CA, No. 548 and CA No. 549 published in terms of NEMA.

Aurecon (Pty) Ltd (Aurecon) has been appointed to undertake the required EIA process.

Notice is hereby given of the commencement of a public participation process in terms of the NEMA EIA Regulations 2010. The consultation for the above mentioned project have been submitted to the competent authority (DEA) in terms of these Regulations.

If you would like to receive more information, raise issues or concerns or register as an interested and affected party, please contact Aurecon at:

Tel: 021 526 8025, F: 021 526 9000
 Email: publicparticipation@mulilo.co.za
 1470 Bona Vista, Cape Town, 8001
 Mulilo Networks (Pty) Ltd, Private Office

aurecon
MULILO
 Environmental Impact Assessment

Tel: 021 526 8025, F: 021 526 9000
 Email: publicparticipation@mulilo.co.za
 Private Office, Kaptevel 8002
 Aunang, Somerset-Wes, 7800, Cape Town

17.04.2013 12:44

**ELEVEN PROPOSED PV ENERGY PLANTS ON FARM HOEKPLAAS NEAR COPPERTON, NORTHERN CAPE: ENVIRONMENTAL IMPACT ASSESSMENT PROCESS
PUBLIC PARTICIPATION**

Project	DEA Ref. No.	NEAS Ref. No.
PV2	14/12/16/3/3/2/493	DEA/EIA/0001754/2013
PV3	14/12/16/3/3/2/494	DEA/EIA/0001755/2013
PV4	14/12/16/3/3/2/495	DEA/EIA/0001756/2013
PV5	14/12/16/3/3/2/496	DEA/EIA/0001757/2013
PV6	14/12/16/3/3/2/497	DEA/EIA/0001758/2013
PV7	14/12/16/3/3/2/498	DEA/EIA/0001759/2013
PV8	14/12/16/3/3/2/499	DEA/EIA/0001760/2013
PV9	14/12/16/3/3/2/500	DEA/EIA/0001761/2013
PV10	14/12/16/3/3/2/501	DEA/EIA/0001762/2013
PV11	14/12/16/3/3/2/502	DEA/EIA/0001763/2013
PV12	14/12/16/3/3/2/503	DEA/EIA/0001764/2013

Mulilo Renewable Energy (Pty) Ltd proposes to construct 11 x 75 MW photovoltaic (PV) solar energy plantS on the farm Hoekplaas (Farm 146/RE) near Copperton in the Northern Cape. Electricity would be evacuated via a new 132 kV transmission line to the Kronos substation. Associated infrastructure would include, amongst others, boundary fences, substations, internal farm road upgrades and transmission lines.

The proposed project is listed in terms of the National Environment Management Act (NEMA) (No. 107 of 1998). As such authorisation from the competent environmental authority, namely the Department of Environmental Affairs, via the Environmental Impact Assessment (EIA) process (GN No. R544 of 18 June 2010) is necessary. The proposed projects trigger activities in terms of GN No. 544, GN No. 546 and GN No. 545 published in terms of NEMA.

Aurecon (Pty) Ltd (Aurecon) has been appointed to undertake the required EIA process.

Notice is hereby given of the commencement of a public participation process in terms of the NEMA EIA Regulations 2010. The applications for the above-mentioned project have been submitted to the competent authority (DEA in terms of these Regulations).

If you would like to receive more information, raise issues or concerns or register as an interested and affected party, please contact Aurecon at:

T (021) 526 6025, F (021) 526 9500
Nomvelo.Siwela@arecongroup.com
 or PO Box 494, Cape Town, 8000,
 Att: Nomvelo Siwela / Franci Gresse



BEOOGDE ELF FOTOVOLTAÏESE-AANLEGTE OP HOEKPLAAS NABY COPPERTON, NOORD-KAAP: OMGEWINGSINVLOEDBEPALING PROSES VAN OPENBARE DEELNAME

Projek	DOS Verw. Nr.	NEAS Verw. Nr.
PV2	14/12/16/3/3/2/493	DEA/EIA/0001754/2013
PV3	14/12/16/3/3/2/494	DEA/EIA/0001755/2013
PV4	14/12/16/3/3/2/495	DEA/EIA/0001756/2013
PV5	14/12/16/3/3/2/496	DEA/EIA/0001757/2013
PV6	14/12/16/3/3/2/497	DEA/EIA/0001758/2013
PV7	14/12/16/3/3/2/498	DEA/EIA/0001759/2013
PV8	14/12/16/3/3/2/499	DEA/EIA/0001760/2013
PV9	14/12/16/3/3/2/500	DEA/EIA/0001761/2013
PV10	14/12/16/3/3/2/501	DEA/EIA/0001762/2013
PV11	14/12/16/3/3/2/502	DEA/EIA/0001763/2013
PV12	14/12/16/3/3/2/503	DEA/EIA/0001764/2013

Mulilo Renewable Energy (Pty) Ltd beoog die ontwikkeling van 11 x 75MW fotovoltaiiese sonenergie-aanlegte op Hoekplaas (Plaas 146/RE) wat naby Copperton in die Noord-Kaap geleë is. Elektrisiteit sal by wyse van 'n nuwe 132 kV verbinding na die Kronos- substasie gelei word. Bykomende infrastruktuur sluit in, onderandere, die omheining van die aanlegte, substasies, opgradering van interne plaaspaai en konstruksie van transmissielynne.

Die beoogde projek is 'n gelyste bedrywigheid kragtens die Wet op Nasionale Omgewingsbestuur (WNOB) (Nr. 107 van 1998), en verg dus 'n magtiging van die bevoegde owerheid, naamlik die Departement van Omgewingsake, na afloop van 'n Omgewingsinvloedbepalingsproses (OIB) soos uiteengesit in GK Nr. R544 van 18 Junie 2010). Die beoogde projekte het bedrywighede van GK Nr. 544, GK Nr. 545 en GK Nr. 546, soos afgekondig in terme van die WNOB, tot gevolg.

Aurecon (Edms) Bpk (Aurecon) is aangestel om die vereiste OIB-proses uit te voer.

Kennis geskied hiermee van die aanvang van die proses van openbare deelname kragtens die WNOB se OIB-regulasies 2010. Die aansoeke vir die bogenoemde projek is in terme van die Regulasies ingedien by die DOS.

Indien u enige verdere inligting verlang, kwessies of kwellinge wil identifiseer of as 'n belanghebbende en geaffekteerde party registreer, word u versoek om met Aurecon in verbinding te tree by:

T (021) 526 6025, F (021) 526 9500,
Nomvelo.Siwela@arecongroup.com of
 Posbus 494, Kaapstad, 8000
 Aandag: Nomvelo Siwela / Franci Gresse



ANNEXURE B6

PUBLIC PARTICIPATION

- CRR1 for FSR
- CRR2 for DEAIR
- Copies of FSR Comments
- Copies of DEAIR Comments

ENVIRONMENTAL IMPACT ASSESSMENT PROCESS: PROPOSED PHOTOVOLTAIC (SOLAR) ENERGY PLANTS ON FARM HOEKPLAAS NEAR COPPERTON, NORTHERN CAPE

PLANT	DEA REF. NO	NEAS REF. NO	PLANT	DEA REF. NO	NEAS REF. NO
PV2	14/12/16/3/3/2/493	DEA/EIA/0001754/2013	PV7	14/12/16/3/3/2/498	DEA/EIA/0001759/2013
PV3	14/12/16/3/3/2/494	DEA/EIA/0001755/2013	PV8	14/12/16/3/3/2/499	DEA/EIA/0001760/2013
PV4	14/12/16/3/3/2/495	DEA/EIA/0001756/2013	PV9	14/12/16/3/3/2/500	DEA/EIA/0001761/2013
PV5	14/12/16/3/3/2/496	DEA/EIA/0001757/2013	PV10	14/12/16/3/3/2/501	DEA/EIA/0001762/2013
PV6	14/12/16/3/3/2/497	DEA/EIA/0001758/2013	PV11	14/12/16/3/3/2/502	DEA/EIA/0001763/2013

COMMENTS AND RESPONSE REPORT 1

This Comments and Response Report reflects the comments submitted during the Final Scoping Report (FSR) public comment period (from **23 July 2013** until **12 August 2013**). A total of four comments were received as detailed below.

SUBMISSIONS:

Ref.	Name	Organisation	Date Received	Method
1.	Kathryn Smuts	South African Heritage Resources Agency (SAHRA)	20 August 2013	E-mail

PUBLIC PARTICIPATION PROCESS			
<i>Comments and Responses</i>			
No.	Name	Issue	Response
1.	Kathryn Smuts SAHRA	Thank you for submitting the Final Scoping Report for this project. SAHRA notes that our request that a full Heritage Impact Assessment, inclusive of an Archaeological and Palaeontological Impact Assessment, be undertaken during the EIA phase is reflected in this report. We look forward to receiving these reports and will provide comment on them once they have been reviewed.	Copies of the archaeological and palaeontological impact assessments will be submitted to SAHRA for consideration during the Environmental Impact Assessment (EIA) phase. The findings and recommendations of these assessments will also be included in the EIA Report and Life-cycle Environmental Management Plan (LEMP).

ENVIRONMENTAL IMPACT ASSESSMENT PROCESS: PROPOSED PHOTOVOLTAIC (SOLAR) ENERGY PLANTS ON FARM HOEKPLAAS NEAR COPPERTON, NORTHERN CAPE

PLANT	DEA REF. NO	NEAS REF. NO	PLANT	DEA REF. NO	NEAS REF. NO
PV2	14/12/16/3/3/2/493	DEA/EIA/0001754/2013	PV7	14/12/16/3/3/2/498	DEA/EIA/0001759/2013
PV3	14/12/16/3/3/2/494	DEA/EIA/0001755/2013	PV8	14/12/16/3/3/2/499	DEA/EIA/0001760/2013
PV4	14/12/16/3/3/2/495	DEA/EIA/0001756/2013	PV9	14/12/16/3/3/2/500	DEA/EIA/0001761/2013
PV5	14/12/16/3/3/2/496	DEA/EIA/0001757/2013	PV10	14/12/16/3/3/2/501	DEA/EIA/0001762/2013
PV6	14/12/16/3/3/2/497	DEA/EIA/0001758/2013			

COMMENTS AND RESPONSE REPORT 2

This Comments and Response Report reflects the comments submitted during the Draft Environmental Impact Assessment Reports (DEIAR) public comment period (from **27 September 2013** until **5 November 2013**) on the DEIAR. Two comments were received as detailed below.

SUBMISSIONS:

Ref.	Name	Organisation	Date Received	Method
1.	John Geeringh	Eskom (Pty) Ltd	5 September 2013	E-mail
2.	Jenna Lavin	South African Heritage Resources Agency (SAHRA)	30 October 2013	E-mail

PUBLIC PARTICIPATION PROCESS			
<i>Comments and Responses</i>			
No.	Name	Issue	Response
1.	John Geeringh, Eskom	<p>Eskom has long term plans for a possible second 400kV power line from Hydra to Kronos and from Kronos to Aries substation. Eskom is also busy with a study for a 765kV power line from Perseus substation at Dealesville to Kronos substation and then on to Aries substation to limit the risk of passing through the SKA area of concern. The 765kV line must go all the way down to Cape Town.</p> <p>These future plans must be taken into consideration during the planning of the layouts for the various PV developments at Klipgats Pan. The current layout is right next to the Kronos substation and makes any future expansion of the substation and line connections to the substation quite a challenge to Eskom. This may also however impact on Independent Power Producer (IPP) connections due to limited space and opportunity for evacuation of power.</p>	<p>The applicant, Mulilo Renewable Energies (Pty) Ltd (Mulilo) had a meeting with Eskom in May 2013 to discuss Eskom’s expansion strategy and potential impacts on IPP connections.</p> <p>At this meeting it was confirmed that additional space had been allowed for in the project designs around the Eskom substation and existing servitudes. Further “buffer” contingencies were also allowed for in the layout sizes which would enable Mulilo to easily accommodate further alterations over the planned footprints should it be required</p>

ENVIRONMENTAL IMPACT ASSESSMENT PROCESS: PROPOSED PHOTOVOLTAIC (SOLAR) ENERGY PLANTS ON FARM HOEKPLAAS NEAR COPPERTON, NORTHERN CAPE

PLANT	DEA REF. NO	NEAS REF. NO	PLANT	DEA REF. NO	NEAS REF. NO
PV2	14/12/16/3/3/2/493	DEA/EIA/0001754/2013	PV7	14/12/16/3/3/2/498	DEA/EIA/0001759/2013
PV3	14/12/16/3/3/2/494	DEA/EIA/0001755/2013	PV8	14/12/16/3/3/2/499	DEA/EIA/0001760/2013
PV4	14/12/16/3/3/2/495	DEA/EIA/0001756/2013	PV9	14/12/16/3/3/2/500	DEA/EIA/0001761/2013
PV5	14/12/16/3/3/2/496	DEA/EIA/0001757/2013	PV10	14/12/16/3/3/2/501	DEA/EIA/0001762/2013
PV6	14/12/16/3/3/2/497	DEA/EIA/0001758/2013			

COMMENTS AND RESPONSE REPORT 2

PUBLIC PARTICIPATION PROCESS			
<i>Comments and Responses</i>			
No.	Name	Issue	Response
		A 400kV servitude requires 55m width of land and a 765kV servitude requires 80m width. I do suggest that we set up a meeting between yourselves, Eskom's project managers working on the future planned projects, the developer and the Eskom planners, to ensure that all information is taken into consideration and to ensure Eskom's capabilities are not constrained in future. We would like to see an amiable solution for all parties involved. Please advice.	by Eskom. Mulilo requested that Eskom review the proposed layouts for PV2-7 and raise any comments or concerns that they may have on the proposed projects. Eskom was also asked to indicate if they foresee the need for additional servitudes in the future and provide any drawings or GIS data that could be incorporated early on in Mulilo's planning to avoid conflicts in the future.
2.	Jenna Lavin SAHRA	In January 2013, Environmental Authorisation was granted for the 100MW Hoekplaas PV1 Facility. The above studies were submitted in support of an additional 10 75MW PV facilities. Each proposed facility will consist of PV arrays, a 132kV transmission line, an onsite 132kV substation and a boundary fence. The proposed 10 PV facilities will share a central 132kV substation, access roads, water supply infrastructure, storm water infrastructure and buildings. An alternative of three PV facilities each with a capacity of 225MW, 290MW and 500MW respectively has also been proposed, known as Alternative 2. The above Heritage Impact Assessment (HIA) assessed all areas affected by Alternative 1, however not all of Alternative 2 was	Please note that the summarised description of the infrastructure requirements for the proposed PV facilities is somewhat inaccurate. Please refer to Section 3.1.1 of the EIAR (draft and final) for a detailed description of these components. For additional information on potential impacts on heritage and palaeontological resources see Section 5.6 of the EIAR. The HIA and PIA are available in Annexure C.

ENVIRONMENTAL IMPACT ASSESSMENT PROCESS: PROPOSED PHOTOVOLTAIC (SOLAR) ENERGY PLANTS ON FARM HOEKPLAAS NEAR COPPERTON, NORTHERN CAPE

PLANT	DEA REF. NO	NEAS REF. NO	PLANT	DEA REF. NO	NEAS REF. NO
PV2	14/12/16/3/3/2/493	DEA/EIA/0001754/2013	PV7	14/12/16/3/3/2/498	DEA/EIA/0001759/2013
PV3	14/12/16/3/3/2/494	DEA/EIA/0001755/2013	PV8	14/12/16/3/3/2/499	DEA/EIA/0001760/2013
PV4	14/12/16/3/3/2/495	DEA/EIA/0001756/2013	PV9	14/12/16/3/3/2/500	DEA/EIA/0001761/2013
PV5	14/12/16/3/3/2/496	DEA/EIA/0001757/2013	PV10	14/12/16/3/3/2/501	DEA/EIA/0001762/2013
PV6	14/12/16/3/3/2/497	DEA/EIA/0001758/2013			

COMMENTS AND RESPONSE REPORT 2

PUBLIC PARTICIPATION PROCESS			
<i>Comments and Responses</i>			
No.	Name	Issue	Response
		<p>assessed due to dense vegetation cover. According to the HIA, archaeological resources were widespread across the study area with higher densities of archaeological material associated with the margins of pans and hills. Earlier, Middle and Later Stone Age (LSA) material was identified, including a number of hand axes, however most of the background scatter is Middle Stone Age (MSA) in origin. One significant MSA site was identified at the Borrow Pit. This site has been excluded from the proposed layouts. Historical sites were absent from the project area except for two small fragments of glass and ceramic. No structures or graves were identified in the study area. In addition, the study area is essentially unmodified except for a few gum trees that are indicative of human intervention. The proposed development area straddles the R357, however the visual impact of the proposed development is low as this road does not have a heavy traffic load and therefore visual receptors are at a minimum.</p> <p>According to the HIA, the well-defined pans have a 90m buffer zone of no development. The archaeological sites identified along the margins of the pans will therefore not be impacted by the proposed development. A number of archaeological sites were identified along an ephemeral watercourse in the PV3 project area. One Later Stone Age site was identified in a proposed lay-down area and a very dense background archaeological scatter was identified in the PV11 project</p>	

ENVIRONMENTAL IMPACT ASSESSMENT PROCESS: PROPOSED PHOTOVOLTAIC (SOLAR) ENERGY PLANTS ON FARM HOEKPLAAS NEAR COPPERTON, NORTHERN CAPE

PLANT	DEA REF. NO	NEAS REF. NO	PLANT	DEA REF. NO	NEAS REF. NO
PV2	14/12/16/3/3/2/493	DEA/EIA/0001754/2013	PV7	14/12/16/3/3/2/498	DEA/EIA/0001759/2013
PV3	14/12/16/3/3/2/494	DEA/EIA/0001755/2013	PV8	14/12/16/3/3/2/499	DEA/EIA/0001760/2013
PV4	14/12/16/3/3/2/495	DEA/EIA/0001756/2013	PV9	14/12/16/3/3/2/500	DEA/EIA/0001761/2013
PV5	14/12/16/3/3/2/496	DEA/EIA/0001757/2013	PV10	14/12/16/3/3/2/501	DEA/EIA/0001762/2013
PV6	14/12/16/3/3/2/497	DEA/EIA/0001758/2013			

COMMENTS AND RESPONSE REPORT 2

PUBLIC PARTICIPATION PROCESS			
<i>Comments and Responses</i>			
No.	Name	Issue	Response
		<p>area. In addition, construction in the northern-most section of the PV4 project area will likely impact on the MSA site identified as (HKP 2011/002). Some of the identified sites fall within the proposed corridors identified for linear infrastructure. Finalisation of the layouts of powerlines and roads will determine if these sites will be impacted.</p> <p>According to the palaeontological impact assessment, the study area is largely underlain by Permo-Carboniferous glacial sediments of the Dwyka Group that overlie Precambrian granitoid basement rocks of the Namaqua-Natal Metamorphic Province. Upper Dwyka bedrocks in the study area are poorly exposed and do not contain trace fossil assemblages, petrified wood or other fossil material. Important fossil remains have been recorded from Bundu Pan in the vicinity of the proposed development area. According to the Palaeontology Impact Assessment (PIA), if these remains are present, they are likely sparsely distributed. Based on this information, it is unlikely that the proposed development will impact on significant palaeontological material.</p>	

ENVIRONMENTAL IMPACT ASSESSMENT PROCESS: PROPOSED PHOTOVOLTAIC (SOLAR) ENERGY PLANTS ON FARM HOEKPLAAS NEAR COPPERTON, NORTHERN CAPE

PLANT	DEA REF. NO	NEAS REF. NO	PLANT	DEA REF. NO	NEAS REF. NO
PV2	14/12/16/3/3/2/493	DEA/EIA/0001754/2013	PV7	14/12/16/3/3/2/498	DEA/EIA/0001759/2013
PV3	14/12/16/3/3/2/494	DEA/EIA/0001755/2013	PV8	14/12/16/3/3/2/499	DEA/EIA/0001760/2013
PV4	14/12/16/3/3/2/495	DEA/EIA/0001756/2013	PV9	14/12/16/3/3/2/500	DEA/EIA/0001761/2013
PV5	14/12/16/3/3/2/496	DEA/EIA/0001757/2013	PV10	14/12/16/3/3/2/501	DEA/EIA/0001762/2013
PV6	14/12/16/3/3/2/497	DEA/EIA/0001758/2013			

COMMENTS AND RESPONSE REPORT 2

PUBLIC PARTICIPATION PROCESS			
<i>Comments and Responses</i>			
No.	Name	Issue	Response
		<p>Final Comment</p> <p>Alternative 1 is the preferred alternative. Based on the submitted information, SAHRA has no objection to the proposed development on condition that;</p> <ol style="list-style-type: none"> The 90m buffer zone around the pans is enforced. 	<p>A buffer of 90m has been applied to all pans occurring on farm Hoekplaas.</p>
		<ol style="list-style-type: none"> PV 11 is not developed as it will negatively impact on significant archaeological resources. If this is not possible, the applicant must liaise with SAHRA as to the best way forward. 	<p>PV11 is no longer considered as a potential development and the application has been withdrawn from the Department of Environmental Affairs.</p>
		<ol style="list-style-type: none"> The two archaeological sites associated with the ephemeral watercourse in the PV3 development area must not be impacted by the proposed development. If this is not possible, the site must be mitigated as per the recommendations in the HIA. 	<p>The mitigation measures identified by the HIA would be implemented for the two archaeological sites located within PV3 as these sites fall within the development footprint.</p> <p>Permits would also be applied for from SAHRA in terms of Section 35 of the National Heritage Resources Act (Act 25 of 1999) (NHRA).</p>

ENVIRONMENTAL IMPACT ASSESSMENT PROCESS: PROPOSED PHOTOVOLTAIC (SOLAR) ENERGY PLANTS ON FARM HOEKPLAAS NEAR COPPERTON, NORTHERN CAPE

PLANT	DEA REF. NO	NEAS REF. NO	PLANT	DEA REF. NO	NEAS REF. NO
PV2	14/12/16/3/3/2/493	DEA/EIA/0001754/2013	PV7	14/12/16/3/3/2/498	DEA/EIA/0001759/2013
PV3	14/12/16/3/3/2/494	DEA/EIA/0001755/2013	PV8	14/12/16/3/3/2/499	DEA/EIA/0001760/2013
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PV5	14/12/16/3/3/2/496	DEA/EIA/0001757/2013	PV10	14/12/16/3/3/2/501	DEA/EIA/0001762/2013
PV6	14/12/16/3/3/2/497	DEA/EIA/0001758/2013			

COMMENTS AND RESPONSE REPORT 2

PUBLIC PARTICIPATION PROCESS			
<i>Comments and Responses</i>			
No.	Name	Issue	Response
		4. The LSA site situated in the lay-down area must not be impacted by the proposed development. If this is not possible, the site must be mitigated as per the recommendations in the HIA.	The LSA site would be demarcated and treated as a no-go area. However, should it be found during construction that the site cannot be avoided the mitigation measures identified by the HIA will be implemented to address potential risks to the site (see Section 5.6 and Annexure C of the EIAR).
		5. The PV4 development area closest to the HKP2011/002 MSA site must be mitigation by means of test excavations. A permit from SAHRA in terms of Section 35 of the NHRA is required for this action	Noted. This is in accordance with the mitigation measures proposed in Section 5.6.3 of the Final EIAR. A permit would also be applied for from SAHRA in terms of Section 35 of the NHRA.
		6. Once the final layouts of the power lines and access roads have been established, it must be determined whether or not significant heritage resources will be impacted by the development. If significant sites are impacted, these must be mitigated as per the recommendations in the HIA.	A survey would be undertaken by the heritage specialist prior to construction once the final layouts for transmission lines and additional internal access roads have been determined. These layouts would also take into consideration all sensitive heritage features identified by the HIA. Should impacts on these features be unavoidable, mitigation

ENVIRONMENTAL IMPACT ASSESSMENT PROCESS: PROPOSED PHOTOVOLTAIC (SOLAR) ENERGY PLANTS ON FARM HOEKPLAAS NEAR COPPERTON, NORTHERN CAPE

PLANT	DEA REF. NO	NEAS REF. NO	PLANT	DEA REF. NO	NEAS REF. NO
PV2	14/12/16/3/3/2/493	DEA/EIA/0001754/2013	PV7	14/12/16/3/3/2/498	DEA/EIA/0001759/2013
PV3	14/12/16/3/3/2/494	DEA/EIA/0001755/2013	PV8	14/12/16/3/3/2/499	DEA/EIA/0001760/2013
PV4	14/12/16/3/3/2/495	DEA/EIA/0001756/2013	PV9	14/12/16/3/3/2/500	DEA/EIA/0001761/2013
PV5	14/12/16/3/3/2/496	DEA/EIA/0001757/2013	PV10	14/12/16/3/3/2/501	DEA/EIA/0001762/2013
PV6	14/12/16/3/3/2/497	DEA/EIA/0001758/2013			

COMMENTS AND RESPONSE REPORT 2

PUBLIC PARTICIPATION PROCESS			
<i>Comments and Responses</i>			
No.	Name	Issue	Response
			measures would be implemented as per the requirements of the HIA and LEMPr (Annexure C4 and D respectively, of the EIAR).
		Should any evidence of archaeological sites or remains (e.g., remnants of stone-made structures, indigenous ceramics, bones, stone artefacts , ostrich eggshell fragments , marine shell and charcoal/ash concentrations), unmarked human burials, fossils or other categories of heritage resources are found during the proposed activities, SAHRA Archaeology, Palaeontology and Meteorites (APM) Unit (Jenna Lavin/Colette Scheermeyer 021 462 4502) must be alerted immediately, and a professional archaeologist or palaeontologist, depending on the nature of the finds, must be contacted 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 might be necessary.	<p>Noted. If any human remains are encountered during the development, the site would be cordoned off and protected from further harm until the remains can be inspected and removed by an archaeologist under a permit issued for that purpose.</p> <p>Furthermore, the LEMPr (Annexure D of the EIAR) specifically requires that any significant fossils (e.g. vertebrate teeth, bones, burrows, petrified wood) that are found during construction must be safeguarded (in situ) and reported by the Environmental Control Officer to the relevant heritage management authority.</p> <p>Please refer to Annexure C4 of the EIAR for a copy of the HIA.</p>

**PROPOSED PV2-11 PHOTOVOLTAIC ENERGY PLANTS ON FARM HOEKPLAAS
NEAR COPPERTON, NORTHERN CAPE**

Our Ref: 9/2/025/0001



Enquiries: Kathryn Smuts
Tel: 021 462 4502
Email: ksmuts@sahra.org.za
CaseID: 2179

Date: Tuesday August 20, 2013

Page No: 1

Letter

In terms of Section 38(8) of the National Heritage Resources Act (Act 25 of 1999)

Attention: Ms Franci Gresse
Aurecon South Africa
P O Box 494
Cape Town
8000

Proposed Construction of 10 PV plants on Hoekplaas Farm (Remainder of Farm No. 146), Copperton, Northern Cape

Thank you for submitting the Final Scoping Report for this project. SAHRA notes that our request that a full Heritage Impact Assessment, inclusive of an Archaeological and Palaeontological Impact Assessment, be undertaken during the EIA phase is reflected in this report.

We look forward to receiving these reports and will provide comment on them once they have been reviewed.

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

Yours faithfully

Kathryn Smuts
Heritage Officer: Archaeology
South African Heritage Resources Agency

Colette Scheermeyer
SAHRA Head Archaeologist
South African Heritage Resources Agency



The South African Heritage Resources Agency

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**PROPOSED PV2-11 PHOTOVOLTAIC ENERGY PLANTS ON FARM HOEKPLAAS
NEAR COPPERTON, NORTHERN CAPE**

Our Ref: 9/2/025/0001



Enquiries: Kathryn Smuts
Tel: 021 462 4502
Email: ksmuts@sahra.org.za
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ADMIN:

Direct URL to case: <http://www.sahra.org.za/node/118444>

(DEA, Ref: PV2 14/12/16/3/3/2/493 DEA/EIA0001754/2013) (DEA, Ref: PV3 14/12/16/3/3/2/494
DEA/EIA/0001755/2013) (DEA, Ref: PV11 14/12/16/3/3/2/502 DEA/EIA/0001763/2013) (DEA, Ref: PV4
14/12/16/3/3/2/495 DEA/EIA/0001756/2013) (DEA, Ref: PV5 14/12/16/3/3/2/496 DEA/EIA/0001757/2013)
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DEA/EIA/0001759/2013) (DEA, Ref: PV8 14/12/16/3/3/2/499 DEA/EIA/0001760/2013) (DEA, Ref: PV9
14/12/16/3/3/2/500 DEA/EIA/0001761/2013) (DEA, Ref: PV10 14/12/16/3/3/2/501 DEA/EIA/0001762/2013)



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Nomvelo Siwela

From: Franci Gresse
Sent: Thursday, September 05, 2013 2:00 PM
To: Simon Clark; Nomvelo Siwela
Subject: FW: MULILO Developments at Kronos substation

Hi Simon and Nomvelo

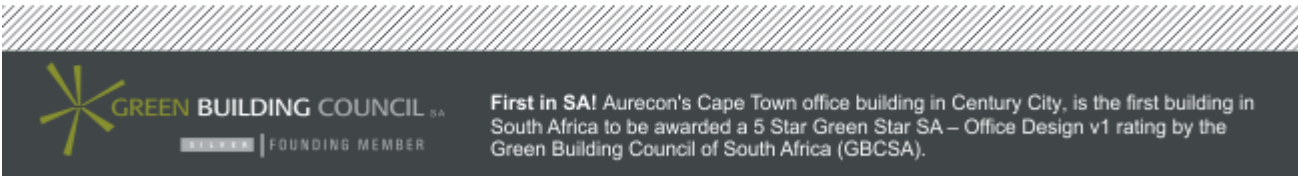
Please see the comment below from Eskom. We can include this in the Final EIAR's CRR. Please save in the correct file. Also, Warren has indicated that he will respond directly to Eskom, so we're waiting for his response.

Thanks
Franci

Franci Gresse
Environmental Consultant | Aurecon
T +27 21 526 6022 | F +27 86 723 1750 |
E Franci.Gresse@aurecongroup.com
Aurecon Centre 1 Century City Drive, Waterford Precinct Century City | South Africa
aurecongroup.com



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DISCLAIMER

From: John Geeringh [<mailto:GeerinJH@eskom.co.za>]
Sent: Thursday, September 05, 2013 12:22 PM
To: Franci Gresse
Cc: Dudu Hadebe; Caswell Ndlhovu; warren@mulilo.com
Subject: MULILO Developments at Kronos substation

KLIPGATS PAN DEVELOPMENTS PV 2- PV 7
DEA REFERENCE NUMBERS 14/12/16/3/3/2/486-491 HAS REFERENCE:

Eskom has long term plans for a possible second 400kV power line from Hydra to Kronos and from Kronos to Aries substation. Eskom is also busy with a study for a 765kV power line from Perseus substation at Dealesville to Kronos substation and then on to Aries substation to limit the risk of passing through the SKA area of concern. The 765kV line must go all the way down to Cape Town. These future plans must be taken into consideration during the planning of the layouts for the various PV developments at Klipgats Pan. The current layout is right next to the Kronos substation and makes any future expansion of the substation and line connections to the substation quite a challenge to Eskom. This may also however impact on IPP connections due to limited space and opportunity for evacuation of power. A 400kV servitude requires 55m width of land and a 765kV servitude requires 80m width. I do suggest that we set up a meeting between yourselves, Eskom's project managers working on the future planned projects, the developer and the Eskom planners, to ensure that all information is taken into consideration and to ensure Eskom's capabilities are not constrained in future. We would like to see an amiable solution for all parties involved. Please advise.

Regards

John Geeringh (Pr Sci Nat)
Snr Consultant Env Management
GC Land Development
Megawatt Park D1 Y38
P O Box 1091
Johannesburg
2000

Tel: 011 516 7233
Fax: 086 661 4064
Cell: 083 632 7663
E-mail: john.geeringh@eskom.co.za

I'm part of the 49Million initiative.
<http://www.49Million.co.za>

NB: This Email and its contents are subject to the Eskom Holdings Limited EMAIL LEGAL NOTICE which can be viewed at http://www.eskom.co.za/e-mail_legalnotice



Enquiries: Jenna Lavin
Edit view Tel: 021 462 4502
Edit view Email: jlavin@sahra.org.za
CaseID: 2179

Date: Wednesday October 30, 2013

Page No: 1

Final Comment

In terms of Section 38(8) of the National Heritage Resources Act (Act 25 of 1999)

Attention: Aurecon - Cape Town
1 Century City Drive, Waterford Precinct, Century City
P.O Box 1347, Cape Town 8000

Proposed Construction of 10 PV plants on Hoekplaas Farm (Remainder of Farm No. 146), Copperton, Northern Cape

Orton, J. and Webley, L. October 2013. *Heritage Impact Assessment for multiple Proposed Solar Energy Facilities on Farm Hoekplaas 146*

Almond, J. July 2013. *Palaeontological Specialist Assessment: Combined Desktop & Field Assessment Study for multiple Proposed Solar Energy Facilities on Farm Hoekplaas 146*

In January 2013, Environmental Authorisation was granted for the 100MW Hoekplaas PV1 Facility. The above studies were submitted in support of an additional 10 75MW PV facilities. Each proposed facility will consist of PV arrays, a 132kV transmission line, an onsite 132kV substation and a boundary fence. The proposed 10 PV facilities will share a central 132kV substation, access roads, water supply infrastructure, storm water infrastructure and buildings. An alternative of three PV facilities each with a capacity of 225MW, 290MW and 500MW respectively has also been proposed, known as Alternative 2.

The above HIA assessed all areas affected by Alternative 1, however not all of Alternative 2 was assessed due to dense vegetation cover. According to the HIA, archaeological resources were widespread across the study area with higher densities of archaeological material associated with the margins of pans and hills. Earlier, Middle and Later Stone Age material was identified, including a number of handaxes, however most of the background scatter is Middle Stone Age in origin. One significant Middle Stone Age site was identified at the Borrow Pit. This site has been excluded from the proposed layouts. Historical sites were absent from the project area except for two small fragments of glass and ceramic. No structures or graves were identified in the study area. In addition, the study area is essentially unmodified except for a few gum trees that are indicative of human intervention. The proposed development area straddles the R357, however the visual impact of the proposed development is low as this road does not have a heavy traffic load and therefore visual receptors are at a minimum.

According to the HIA, the well-defined pans have a 90m buffer zone of no development. The archaeological sites identified along the margins of the pans will therefore not be impacted by the proposed development. A number of archaeological sites were identified along an ephemeral watercourse in the PV3 project area. One Later Stone Age site was identified in a proposed lay-down area and a very dense background archaeological scatter was identified in the PV11 project area. In addition, construction in the northern-most section of the PV4 project area will likely impact on the Middle Stone Age site identified as (HKP 2011/002). Some of the identified sites fall within the proposed corridors identified for linear infrastructure. Finalisation of the layouts of



PROPOSED PV2-11 PHOTOVOLTAIC ENERGY PLANTS ON FARM HOEKPLAAS NEAR COPPERTON, NORTHERN CAPE

Our Ref: 9/2/025/0001



Enquiries: Jenna Lavin
Edit view Tel: 021 462 4502
Edit view Email: jlavin@sahra.org.za
CaseID: 2179

Date: Wednesday October 30, 2013

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an agency of the
Department of Arts and Culture

powerlines and roads will determine if these sites will be impacted.

According to the palaeontological impact assessment, the study area is largely underlain by Permo-Carboniferous glacial sediments of the Dwyka Group that overlie Precambrian granitoid basement rocks of the Namaqua-Natal Metamorphic Province. Upper Dwyka bedrocks in the study area are poorly exposed and do not contain trace fossil assemblages, petrified wood or other fossil material. Important fossil remains have been recorded from Bundu Pan in the vicinity of the proposed development area. According to the PIA, if these remains are present, they are likely sparsely distributed. Based on this information, it is unlikely that the proposed development will impact on significant palaeontological material.

Final Comment

Alternative 1 is the preferred alternative. Based on the submitted information, SAHRA has no objection to the proposed development on condition that;

1. The 90m buffer zone around the pans is enforced.
2. PV 11 is not developed as it will negatively impact on significant archaeological resources. If this is not possible, the applicant must liaise with SAHRA as to the best way forward.
3. The two archaeological sites associated with the ephemeral watercourse in the PV3 development area must not be impacted by the proposed development. If this is not possible, the site must be mitigated as per the recommendations in the HIA.
4. The Later Stone Age site situated in the lay-down area must not be impacted by the proposed development. If this is not possible, the site must be mitigated as per the recommendations in the HIA.
5. The PV4 development area closest to the HKP2011/002 MSA site must be mitigation by means of test excavations. A permit from SAHRA in terms of Section 35 of the NHRA is required for this action.
6. Once the final layouts of the power lines and access roads have been established, it must be determined whether or not significant heritage resources will be impacted by the development. If significant sites are impacted, these must be mitigated as per the recommendations in the HIA.
7. Should any evidence of archaeological sites or remains (e.g., remnants of stone-made structures, indigenous ceramics, bones, **stone artefacts**, **ostrich eggshell fragments**, marine shell and charcoal/ash concentrations), unmarked human burials, **fossils** or other categories of heritage resources are found during the proposed activities, SAHRA APM Unit (Jenna Lavin/Colette Scheermeyer 021 462 4502) must be alerted immediately, and a professional archaeologist or palaeontologist, depending on the nature of the finds, must be contacted 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 might be necessary.

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

Yours faithfully



The South African Heritage Resources Agency

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Date: Wednesday October 30, 2013

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Jenna Lavin
Heritage Officer
South African Heritage Resources Agency

Colette Scheermeyer
SAHRA Head Archaeologist
South African Heritage Resources Agency

ADMIN:

Direct URL to case: <http://www.sahra.org.za/node/118444>

Edit view (DEA, Ref: PV2 14/12/16/3/3/2/493 DEA/EIA0001754/2013) (DEA, Ref: PV3 14/12/16/3/3/2/494
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14/12/16/3/3/2/500 DEA/EIA/0001761/2013) (DEA, Ref: PV10 14/12/16/3/3/2/501 DEA/EIA/0001762/2013)

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.



The South African Heritage Resources Agency

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**agriculture, land reform
& rural development**

Department:
agriculture, land reform & rural development
NORTHERN CAPE PROVINCE
REPUBLIC OF SOUTH AFRICA



Directorate: Sustainable Resource Management

PO Box 52, Upington, Northern Cape, 8800, Tel: (054) 3378000, 0718607551

Fax: (054) 3378001, E-mail: ntoerien1@gmail.com

Our Reference:

Enquiries: N.J. Toerien

DEA Reference: 14/12/16/3/3/2/493 – 501 and 486 - 491

Date: 14/11/2012

NEAS REF No. DEAT/EIA/0001754/2013 - 1762/2013 and 1766/2013 - 1771/2013

Nomvelo Siwela
PO Box 494
CAPETOWN
8000

Attention: Mr. N. Siwela

The proposed project involves the construction of photovoltaic energy plants and associated infrastructure on the farms Hoekplaas and Klipgats Pan near Copperton in the Northern Cape.

The Department of Agriculture, Land Reform and Rural Development is guided by Act 43 of 1983.

With the development of the abovementioned activities the developer must comply with Act 43 of 1983 and also take care of the following:

Article 7.(3)b of Regulation 9238: CONSERVATION OF AGRICULTURE RESOURCES, 1983 (Act 43 of 1983)

Utilisation and protection of vleys, marshes, water sponges and water courses

7.(1) "..... no land user shall utilize the vegetation in a vlei, marsh or water sponge or within the flood area of a water course or within 10 meters horizontally outside such flood area in a manner that causes or may cause the deterioration of or damage to the natural agriculture resources."

(3)(b) "cultivate any land on his farm unit within the flood area of a water course or within 10 meters horizontally outside the flood area of a water course"

Take also care of the following: who is the current landowner, will it be a subdivision of land or a lease contract between the developer and the landowner?

Rezoning will also be applicable because the land use will change from the current agricultural status.

The Department of Agriculture, Land Reform and Rural Development foreseen no problems in the development as mentioned above as long as the developer adheres to the articles of Act 43 of 1983

Please contact the undersigned if any additional information is required.

Thank you

N.J. Toerien
SRM CONTROL TECHNICIAN
DEPT. OF AGRICULTURE, LANDREFORM AND RURAL DEVELOPMENT



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Ms Franci Gresse
Environmental Consultant
Aurecon South Africa (Pty) Ltd
PO Box 494
Cape Town
8000

Email: franci.gresse@aurecongroup.com

CC: Ms Thulisile Nyalunga Email: TNyalunga@environment.gov.za

Dear Ms Gresse,

**Re: Development of PV2 – PV11 Photovoltaic Solar Energy Plants on the farm Hoekplaas, near
Copperton**

A high level risk assessment was conducted for the above mentioned photovoltaic electricity generation facilities, based on the distance to the nearest SKA station and information currently available on detailed designed of PV facilities. The results of the assessment show that the integrated risk posed by multiple PV facilities that are in close proximity could result in a medium to high detrimental risk to the SKA project. Furthermore, the SKA project office in a letter sent to Aurecon South Africa (Pty) Ltd aimed at communicating these results suggest that an Electromagnetic Interference (EMI) study be conducted in order to scientifically validate the impact these PV facilities could have on the SKA project and also to assist with setting up the required mitigation measures.

Mulilo Renewable Energy in the Response to Comment: Report 1 of the final environmental impact assessment report have committed themselves to finding mitigation solutions to ensure that both projects succeed. They have not, however, explicitly committed themselves to conducting EMI studies prior to commencement of any development. Nor have the explicitly committed themselves to complying with the protection requirements of the SKA, but instead only commit to working with the SKA. EMI studies need to be conducted prior to construction so as to inform the detailed design of the facility to ensure that appropriate mitigation measures that meet SKA requirements in terms of EMI emission level are set in place. EMI studies can conducted and modelled based on similar existing facilities.

The SKA Project Office requires a firm commitment from Mulilo Renewable Energy stating that once the detailed design of the facility is finalised and the projects are awarded preferred bidder status, they will in consultation



SKA SOUTH AFRICA
SQUARE KILOMETRE ARRAY

with SKA project office conduct EMI studies prior to any construction taking place. Furthermore, the SKA Project Office requires that all protection requirements for the SKA will be complied with by Mulilo Renewable Energy should construction take place, regardless of the outcomes of the EMI studies. This could either form part of the Environmental Management Plan, or the Environmental Authorisation.

Regards,

Dr. Adrian Tiplady
South African SKA Site Bid Manager
SKA South Africa
Tel: 011 442 2434
Fax: 011 442 2454
atiplady@ska.ac.za