

# KEIMOES

(ERF. 666, KEIMOES, KAI! GARIB LOCAL MUNICIPALITY,  
NORTHERN CAPE PROVINCE)

## PROPOSED SOLAR PV PLANT

APPLICANT: KEREN ENERGY KEIMOES (PTY) LTD



## FINAL BASIC ASSESSMENT REPORT (VOLUME 2 OF 2)

DEA REF. NO.: 14/12/16/3/3/1/1754

JULY 2017

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## **Appendix E: Public Participation**

**Appendix E-1: Proof of Advertisement Placements and Notices**

**Algemeen**

231 Dagboek

232 Sterre

**Persepolis**

1 Graad SMS

2 Spasiale blare

3 Repedene-gids

4 Graad boeke

5 Graad blare

6 Wierdskopboek

7 Allet gesok

8 Thought

9 Jags

11 Verloer/Warm

12 Gevied

13 Kardehete

14 Restaurant en gasfles

15 Graad-boodskap

16 Pysse psie te koop

17 Saamtygkente

18 Dagboek

19 Krompogte

20 Kruisdring

21 Kruisdring

22 Persepolis

23 Kruisdring

24 Wierdskop

25 Blyf

26 Graadboek

**Winkel**

27 Winkel

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31 Winkel

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**5 Maat**

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**ROMA ENERGY DANIELSKUL (PTY) LTD** ENVROAFRICA CC

**ENVIRONMENTAL IMPACT ASSESSMENT PUBLIC PARTICIPATION PROCESS**

**POST APPLICATION:**  
**PROPOSED DANIELSKUL SOLAR ENERGY FACILITY**  
 (on Erf. 783, a Portion of Erf. 1, Danielskool, Kogelapoort Local Municipality, Bardsley West Registration Division)

Department of Environmental Affairs Reference Number: 14/12/18/33/1/175

Notice is hereby given of a public participation process in terms of the National Environmental Management Act, 1989 (Act No. 107 of 1989) (NEMA) and the Environmental Impact Assessment (EIA) Regulations (2014), for the registration of a previously granted but now expired environmental authorisation, to undertake the following activities:

Relevant notice(s)	Activity No. (s)	Description
EIA Regulations Listing Notice 1 of 2014 (GN. R. 327)	1	The development of facilities or infrastructure for the generation of electricity from a renewable resource where the output is 10 megawatts (MW) or less but the total extent of the facility covers an area in excess of 1 hectare (ha)
EIA Regulations Listing Notice 1 of 2014 (GN. R. 327)	27	The clearance of areas of more than 20 ha but less than 200 ha of indigenous vegetation

EnviroAfrica CC has been appointed by Roma Energy Holdings to undertake the EIA registration process for the proposed project. Environmental authorisation (EA) was originally granted by the Department of Environmental Affairs (DEA) for the above application on the 21<sup>st</sup> January 2013 but the EA expired before physical work on the project could commence. Therefore, to continue with the development, registration for an EA is required.

**Project Location and Description:**  
 The proposed development site is located at 28°12'38.05"S, 29°52'20.28"E, on Erf. 783, a Portion of Erf. 1, Danielskool, within the Kogelapoort Local Municipality, Bardsley West Registration Division, Northern Cape Province. The proposed development is an array of 18640 crystalline solar photovoltaic (PV) modules grouped into tables or panels of 20 modules each. It is proposed that the PV modules would form an array covering an area of 20 ha, circumscribed with a perimeter fence access road and fence. The PV tables will be raised approximately 500mm above ground level and will have single axis tracking systems allowing the generation of approximately 5 MW of alternating current. Proposed associated infrastructure includes a fenced construction staging area, a maintenance shed, six central inverters and three transformers on concrete pads, one to two office buildings on the 20 ha site and a switch panel for connection to the power grid, as well as a 22 kV powerline connection from the PV array to feed in to Eskom's Oudshoorn Substation.

**Description of alternatives:**  
 Due to proximity to the Eskom Substation and consent use of land, alternative sites do not exist. However, alternative options which include inter alia alternative technology, layout options and the option of not proceeding with the proposed development at all are considered within the post-application Basic Assessment Report (BAR).

**Public Participation:**  
 Interested and Affected Parties (I&APs) are hereby notified of the availability of the post-application BAR at the following Local Municipal Office for comment/queries. I&APs are invited to register in writing (if this has not been done as yet) and/or provide initial comments, queries, concerns or opportunities relating to the post-application BAR for this project on or before 28 July 2017.

In order to register or submit a comment, I&APs should refer to the project name and provide their name, address and contact details (indicating your preferred method of notification) and an indication of any direct business, financial, personal or other interest which they have in the application. Please note that future correspondence will only be sent to registered I&APs.

To register as an I&AP or for more information contact EnviroAfrica at:  
 EnviroAfrica (Danielskool Solar PV)  
 P. O. Box 5367, HELDERBERG 7135  
 Tel. 021 851 1516  
 E-mail: admin@enviroafrica.co.za

**ROMA ENERGY MOUNT ROEPER (PTY) LTD** ENVROAFRICA CC

**ENVIRONMENTAL IMPACT ASSESSMENT PUBLIC PARTICIPATION PROCESS**

**POST APPLICATION:**  
**PROPOSED MOUNT ROEPER SOLAR ENERGY FACILITY**  
 (on farm Mount Roep 321, Kuruman, Ga-Segonyana Local Municipality)

Department of Environmental Affairs reference number: 14/12/18/33/1/1753

Notice is hereby given of a public participation process in terms of the National Environmental Management Act, 1989 (Act No. 107 of 1989) (NEMA) and the Environmental Impact Assessment (EIA) Regulations (2014) for the registration of a previously granted but now expired environmental authorisation to undertake the following activities:

Relevant notice(s)	Activity No. (s)	Description
EIA Regulations Listing Notice 1 of 2017 (GN. R. 327)	1	The development of facilities or infrastructure for the generation of electricity from a renewable resource where the output is 10 megawatts (MW) or less but the total extent of the facility covers an area in excess of 1 hectare (ha)
EIA Regulations Listing Notice 1 of 2017 (GN. R. 327)	27	The clearance of an area of more than 1 ha but less than 20 ha of indigenous vegetation

EnviroAfrica CC has been appointed by Roma Energy Holdings to undertake the EIA registration process for the proposed project. Environmental authorisation (EA) was originally granted by the Department of Environmental Affairs (DEA) for the above application on 11 June 2013 but the EA expired before physical work on the project could commence. Therefore, to continue with the development, registration for an EA is required.

**Project Location and Description:**  
 The proposed development site is located at 28°18'05"S, 24°13'31"E, 30 km on the R31 road north-west of Kuruman. The proposed development is an array of 18 540 crystalline solar photovoltaic (PV) modules grouped into tables or panels of 20 modules each. It is proposed that the PV tables would form an array covering an area of 20 ha, circumscribed with a perimeter fence access road and fence. The PV tables will be raised approximately 500 mm above ground level and will have single axis tracking systems allowing the generation of approximately 5 MW of alternating current. Proposed associated infrastructure includes a fenced construction staging area, a maintenance shed, three inverter-transformer stations on concrete pads and two office buildings all on the 20 ha site, as well as a switch panel and 1.9 km of 22 kV overhead powerline from the southern section of the PV array for connection to the power grid, at Eskom's Riebes Substation north of the proposed development site on the opposite side of the R31.

**Description of alternatives:**  
 Due to proximity to the Eskom Substation and consent use of land, alternative sites do not exist. However, alternative options which include inter alia alternative technology, layout options and the option of not proceeding with the proposed development at all are considered within the post-application Basic Assessment Report (BAR).

**Public Participation:**  
 Interested and Affected Parties (I&APs) are hereby notified of the availability of the post-application BAR at the following venues for comment/queries. I&APs are invited to register (in writing) and/or provide comments, queries, concerns or opportunities relating to the post-application BAR for this project on or before 20 July 2017.

In order to register or submit a comment, I&APs should refer to the project name and provide their name, address and contact details (indicating your preferred method of notification) and an indication of any direct business, financial, personal or other interest which they have in the application. Please note that future correspondence will only be sent to registered I&APs.

To register as an I&AP or for more information contact EnviroAfrica at:  
 EnviroAfrica (Mount Roep Solar PV)  
 PO Box 5367, HELDERBERG 7135  
 Fax 021 851 0154  
 Tel. 021 851 1516  
 E-mail: admin@enviroafrica.co.za

**KEREN ENERGY KEIMOS (PTY) LTD** ENVROAFRICA CC

**ENVIRONMENTAL IMPACT ASSESSMENT PUBLIC PARTICIPATION PROCESS**

**POST APPLICATION:**  
**PROPOSED KEIMOS SOLAR ENERGY FACILITY**  
 (on leased area of the Kameos Municipal Commune in the Kall Garb Local Municipality)

Department of Environmental Affairs Reference Number: 14/12/18/33/1/1754

Notice is hereby given of a public participation process in terms of the National Environmental Management Act, 1989 (Act No. 107 of 1989) (NEMA) and the Environmental Impact Assessment (EIA) Regulations (2014) for the registration of a previously granted but now expired environmental authorisation to undertake the following activities:

Relevant notice(s)	Activity No. (s)	Description
EIA Regulations Listing Notice 1 of 2014 (GN. R. 327)	1	The development of facilities or infrastructure for the generation of electricity from a renewable resource where the output is 10 megawatts (MW) or less but the total extent of the facility covers an area in excess of 1 hectare (ha)
EIA Regulations Listing Notice 1 of 2014 (GN. R. 327)	27	The clearance of an area of more than 20 ha but less than 200 ha of indigenous vegetation

EnviroAfrica CC has been appointed by Keren Energy Holdings to undertake the EIA registration process for the proposed project. Environmental authorisation (EA) was originally granted by the Department of Environmental Affairs (DEA) for the above application on 22 January 2013 but the EA expired before physical work on the project could commence. Therefore, to continue with the development, registration for an EA is required.

**Project Location and Description:**  
 The proposed development site is located at 28°41'19.41"S, 20°56'53.28"E, on erf 698 Keimos, within the Kall Garb Local Municipality, district Siyanda, Northern Cape province. The proposed development is an array of 18 540 crystalline solar photovoltaic (PV) modules grouped into tables or panels of 20 modules each. It is proposed that the PV tables would form an array covering an area of 20 ha, circumscribed with a perimeter fence access road and fence. The PV tables will be raised approximately 500 mm above ground level and will have single axis tracking systems allowing the generation of approximately 5 MW of alternating current. Proposed associated infrastructure includes a fenced construction staging area, a maintenance shed, six central inverters and three transformers on concrete pads, one to two office buildings on the 20 ha site and a switch panel for connection to the power grid, as well as a 22 kV power line connection from the PV array to feed in to Eskom's nearby Oudshoorn Substation.

**Description of alternatives:**  
 Due to proximity to the Eskom Substation and consent use of land, alternative sites do not exist. However, alternative options which include inter alia alternative technology, layout options and the option of not proceeding with the proposed development at all are considered within the post-application Basic Assessment Report (BAR).

**Public Participation:**  
 Interested and Affected Parties (I&APs) are hereby notified of the availability of the post-application BAR at the Local Municipal Office for comment/queries. I&APs are invited to register (in writing) and/or provide comments, queries, concerns or opportunities relating to the post-application BAR for this project on or before 28 July 2017.

In order to register or submit a comment, I&APs should refer to the project name and provide their name, address and contact details (indicating your preferred method of notification) and an indication of any direct business, financial, personal or other interest which they have in the application. Please note that future correspondence will only be sent to registered I&APs.

To register as an I&AP or for more information contact EnviroAfrica at:  
 EnviroAfrica (Keimos Solar PV)  
 PO Box 5367, HELDERBERG 7135  
 Fax 021 851 0154  
 Tel. 021 851 1516  
 E-mail: admin@enviroafrica.co.za

**KEREN ENERGY KAKAMAS (PTY) LTD** ENVROAFRICA CC

**ENVIRONMENTAL IMPACT ASSESSMENT PUBLIC PARTICIPATION PROCESS**

**POST APPLICATION:**  
**PROPOSED KAKAMAS SOLAR ENERGY FACILITY**  
 (on leased area of the Kakamas Municipal Commune in the Kall, Garb Local Municipality)

Department of Environmental Affairs Reference Number: 14/12/18/33/1/1755

Notice is hereby given of a public participation process in terms of the National Environmental Management Act, 1989 (Act No. 107 of 1989) (NEMA) and the Environmental Impact Assessment (EIA) Regulations (2014), for the registration of a previously granted but now expired environmental authorisation, to undertake the following activities:

Relevant notice(s)	Activity No. (s)	Description
EIA Regulations Listing Notice 1 of 2014 (GN. R. 327)	1	The development of facilities or infrastructure for the generation of electricity from a renewable resource where the output is 10 megawatts (MW) or less but the total extent of the facility covers an area in excess of 1 hectare (ha)
EIA Regulations Listing Notice 1 of 2014 (GN. R. 327)	27	The clearance of an area of more than 20 ha but less than 200 ha of indigenous vegetation

EnviroAfrica CC has been appointed by Keren Energy Holdings to undertake the EIA registration process for the proposed project. Environmental authorisation (EA) was originally granted by the Department of Environmental Affairs (DEA) for the above application on 25 January 2013, but the EA expired before physical work on the project could commence. Therefore, to continue with the development, registration for an EA is required.

**Project Location and Description:**  
 The proposed development site is located at 28°47'14.71"S, 20°38'18.90"E, on Erf. 1654 Kakamas, within the Kall Garb Local Municipality, district Siyanda, Northern Cape Province. The proposed development is an array of 18540 crystalline solar photovoltaic (PV) modules grouped into tables or panels of 20 modules each. It is proposed that the PV tables would form an array covering an area of 20 ha, circumscribed with a perimeter fence access road and fence. The PV tables will be raised approximately 500 mm above ground level and will have single axis tracking systems allowing the generation of approximately 5 MW of alternating current. Proposed associated infrastructure includes a fenced construction staging area, a maintenance shed, six central inverters and three transformers on concrete pads, one to two office buildings on the 20-ha site and a switch panel for connection to the power grid, as well as a 22-kV powerline connection from the PV array to feed in to Eskom's nearby Oudshoorn Substation.

**Description of Alternatives:**  
 Due to proximity to the Eskom Substation and consent use of land, alternative sites do not exist. However, alternative options which include inter alia alternative technology, layout options and the option of not proceeding with the proposed development at all are considered within the post-application Basic Assessment Report (BAR).

**Public Participation:**  
 Interested and Affected Parties (I&APs) are hereby notified of the availability of the post-application BAR at the Local Municipal Office for comment/queries. I&APs are invited to register (in writing) and/or provide initial comments, queries, concerns or opportunities relating to the BAR for this project on or before 28 July 2017.

In order to register or submit a comment, I&APs should refer to the project name and provide their name, address and contact details (indicating your preferred method of notification) and an indication of any direct business, financial, personal or other interest which they have in the application. Please note that future correspondence will only be sent to registered I&APs.

To register as an I&AP or for more information contact EnviroAfrica at:  
 EnviroAfrica (Kakamas Solar PV)  
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 Tel. 021 851 1516  
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- Link the various departments in the value chain to meet the project requirements of the customers
- Negotiate at a senior level with customers

**Required qualifications/experience**

- Excellent communication skills
- Valid driver's license
- Minimum of Grade 12 with a tertiary qualification
- Technical sales experience and the ability to interact on all levels
- Advanced computer literacy
- Self-motivated, self-disciplined and capable of effective time management
- Reading of engineering drawings
- Ability to calculate cut-to-size parts
- Ability to do quotes for clients on various products and services

**Reporting structure:**

- Will report to the branch manager

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- Risiko beplanning
- Gesondheidsorg (mediese fondse en gapingsdekking)
- Korttermynverskering (persoonlik en kommersiële)

**KURUMAN SEODIN ROAD | T +27 (53) 712 3467 | 129 Seodinweg, Kuruman, 8460**

PSG Wealth Financial Planning (Pty) Ltd is 'n goedgekeurde finansiële diensteverskaffer. RDF 728

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## Algemene Kommissie

- 231 Dagboek
- 232 Sterreplaat

## Persoonlike Sake

- 1 Reël SMS
- 2 Spelne blaas
- 3 Toppies-gids
- 4 Gratis hoes
- 5 Gratis teater
- 6 Vriendelike psigiek
- 7 Alledaagse
- 8 Trougids
- 9 Jag
- 10 Verlore/Vermis
- 11 Geskiedenis
- 12 Kerkdienste
- 14 Restaurant en gasteliste
- 15 Graad-hoedboek
- 16 Pysse op die loop
- 17 Saamvattende
- 18 Dagmoeders
- 19 Kunsavonds
- 20 Kunsavonds
- 21 Ontspanning en vermaak
- 22 Persoonlik
- 23 Kurusante/Orde
- 24 Wetenwonder
- 25 Rulblyd
- 26 Gidsreiskar

## Algemene Diens

- 27 Amptelike
- 28 Bakenas te koop
- 29 Oudhans in kops
- 30 Alledaagse
- 31 Pysse te koop
- 32 Toppies-gids
- 33 Lewende hoes
- 34 Hoes te koop
- 35 Voets te koop
- 36 Meubels
- 37 Te koop gars
- 38 Voor te koop
- 39 Kette te koop
- 40 Plek te koop

## Algemene Diens

- 41 Spelne blaas
- 42 Boecras
- 43 Heerselwerk
- 44 Bouwerk
- 45 Tirobu
- 46 Woonwonder
- 47 Buitenselwerk
- 48 Volwese ontspanning en vermaak
- 49 Sekhulati
- 50 Rekanerantsewerk
- 51 Voor/Beleg
- 52 Franselwerk/ewigs
- 53 Te huur/afname
- 54 Voorwerk
- 55 Woonmoeders
- 56 Parkering te huur
- 57 Gesondheid en skoonheid
- 58 Spysaanslag

## Algemene Diens

- 59 Alkomsdome en hoes
- 60 Woonwonder
- 61 Woonwonder
- 62 Woonwonder
- 63 Woonwonder
- 64 Woonwonder
- 65 Woonwonder
- 66 Woonwonder
- 67 Woonwonder

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KEREN ENERGY KEMOS (PTY) LTD ENVROAFRICA CC

### ENVIRONMENTAL IMPACT ASSESSMENT PUBLIC PARTICIPATION PROCESS

#### REAPPLICATION:

#### PROPOSED KEMOS SOLAR ENERGY FACILITY

(on leased area of the Keimoes Municipal Commune in the Kalb, Garib Local Municipality)  
Original Department of Environmental Affairs Reference Number: 1212/2025/18  
Original National Environmental Authorisation System Reference Number: DEAEIA0001468/2012

Notice is hereby given of a public participation process in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998) (NEMA) and the Environmental Impact Assessment (EIA) Regulations (2014), for the reapplication of a previously granted but now expired environmental authorisation, to undertake the following activities:

Relevant notices:	Activity No (s)	Description
EIA Regulations Listing Notice 1 of 2014 (GN R. 953)	1	i. The development of facilities or infrastructure for the generation of electricity from a renewable resource where the output is 10 megawatts (MW) or less but the total extent of the facility covers an area in excess of 1 hectare (ha)
	12	ii. The development of infrastructure or structures with a physical footprint of 100m <sup>2</sup> or more
	32	iii. The continuation of any development where the environmental authorisation (EA) has lapsed and where the continuation of the development, after the date the EA has lapsed will meet the threshold of any activity or activities listed in Listing Notice 1, 2, 3 or 4 of 2014.
EIA Regulations Listing Notice 2 of 2014 (GN R. 954)	15	The clearance of an area of 20ha or more of indigenous vegetation

EnviroAfrica CC has been appointed by Keren Energy Holdings, to undertake the EIA reapplication process for the proposed project. Environmental authorisation (EA) was originally granted by the Department of Environmental Affairs (DEA) for the above application on the 22nd January 2013 but the EA expired before physical work on the project could commence. Therefore, to continue with the development, reapplication for an EA is required.

**Project Location and Description:**  
The proposed development site is located at 28°41'18.41"S, 20°58'32.28"E, on Erf 866 Keimoes, within the Kalb Local Municipality, District Siyanda, Northern Cape Province. The proposed development is an array of 18540 crystalline solar photovoltaic (PV) modules grouped into tables or panels of 20 modules each. It is proposed that the PV tables will be raised approximately 500mm above ground level and will have single axis tracking systems allowing the generation of approximately 5 MW of alternating current. Proposed associated infrastructure includes a fenced construction staging area, a maintenance shed, six control transformers and three transformers on concrete pads, one to two office buildings on the 20ha site and a switch panel and a 22kV powerline connection from the PV array to feed in to Eskom's nearby Chabos substation.

**Description of Alternatives:**  
Due to proximity to the Eskom substation and consent use of land, alternative sites do not exist. However, alternative options which include inter alia alternative technology, layout options and the option of not proceeding with the proposed development at all (the No-Go option) are considered within the Draft Basic Assessment Report (DBAR). The Final BAR will include specialist reports and will undergo a further round of public participation.

**Public Participation:**  
Interested and Affected Parties (I&APs) are hereby notified of the availability of the DBAR at the following venues for comment/entry. I&APs are invited to register (in writing) and/or provide initial comments, queries, concerns or opportunities relating to the DBAR for this project, on or before 30<sup>th</sup> April 2017.

In order to register or submit a comment, I&APs should refer to the project name, and provide their name, address and contact details (indicating your preferred method of notification) and an indication of any direct business, financial, personal or other interest which they have in the application. Please note that future correspondence will only be sent to registered I&APs.

To register as an I&AP or for more information contact EnviroAfrica at: EnviroAfrica (Solar PV - Keimoes)  
P.O. Box 5387, HELDERBERG 7135  
Fax: 086 512 0164  
Tel: 021 8511616  
E-mail: admin@enviroafrica.co.za

# Ons volgende besoek aan Kathu Privaat Hospitaal: Vrydag: 3 Maart 2017

Vir afsprake: UPINGTON/KATHU: 054 332 3989

LEARNED HEALTH KATHU PRIVATE HOSPITAL

## DR ERHARDT D KIDSON

MR CHB(SA), D(OPS)TH(SA), FC OPHTH(SA)

ROMA ENERGY MOUNT ROPER (PTY) LTD ENVROAFRICA CC

### ENVIRONMENTAL IMPACT ASSESSMENT PUBLIC PARTICIPATION PROCESS

#### REAPPLICATION:

#### PROPOSED MOUNT ROPER SOLAR ENERGY FACILITY

(on farm Mount Roper 321, Kuruman, Ga-Segonyana Local Municipality)  
Original Department of Environmental Affairs Reference Number: 14/12/03/04/174  
Original National Environmental Authorisation System Reference Number: DEAEIA0001000/2012

Notice is hereby given of a public participation process in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998) (NEMA) and the Environmental Impact Assessment (EIA) Regulations (2014) for the reapplication of a previously granted but now expired environmental authorisation to undertake the following activities:

Relevant notices:	Activity No (s)	Description
EIA Regulations Listing Notice 1 of 2014 (GN R. 953)	1	i. The development of facilities or infrastructure for the generation of electricity from a renewable resource where the output is 10 megawatts (MW) or less but the total extent of the facility covers an area in excess of 1 hectare (ha)
	12	ii. The development of infrastructure or structures with a physical footprint of 100m <sup>2</sup> or more
	32	iii. The continuation of any development where the environmental authorisation (EA) has lapsed and where the continuation of the development, after the date the EA has lapsed will meet the threshold of any activity or activities listed in Listing Notice 1, 2, 3 or 4 of 2014.
EIA Regulations Listing Notice 2 of 2014 (GN R. 954)	15	The clearance of an area of 20ha or more of indigenous vegetation.

EnviroAfrica CC has been appointed by Keren Energy Holdings, to undertake the EIA reapplication process for the proposed project. Environmental authorisation (EA) was originally granted by the Department of Environmental Affairs (DEA) for the above application on 11 June 2013 but the EA expired before physical work on the project could commence. Therefore, to continue with the development, reapplication for an EA is required.

**Project Location and Description:**  
The proposed development site is located at 28°18'06"S, 24°19'31"E, 30 km on the R31 road north-west of Kuruman. The proposed development is an array of 18 540 crystalline solar photovoltaic (PV) modules grouped into tables or panels of 20 modules each. It is proposed that the PV tables will be raised approximately 500mm above ground level and will have single axis tracking systems allowing the generation of approximately 5 MW of alternating current. Proposed associated infrastructure includes a fenced construction staging area, a maintenance shed, six control transformers and three transformers on concrete pads, one to two office buildings on the 20ha site, as well as a switch panel and a 22 kV powerline connection from the PV array to feed in to Eskom's nearby Chabos substation.

**Description of Alternatives:**  
Due to proximity to the Eskom substation and consent use of land, alternative sites do not exist. However, alternative options which include inter alia alternative technology, layout options and the option of not proceeding with the proposed development at all (the No-Go option) are considered within the Draft Basic Assessment Report (DBAR). The Final BAR will include specialist reports and will undergo a further round of public participation.

**Public Participation:**  
Interested and Affected Parties (I&APs) are hereby notified of the availability of the DBAR at the following venues for comment/entry. I&APs are invited to register (in writing) and/or provide initial comments, queries, concerns or opportunities relating to the DBAR for this project on or before 30<sup>th</sup> April 2017.

In order to register or submit a comment, I&APs should refer to the project name, and provide their name, address and contact details (indicating your preferred method of notification) and an indication of any direct business, financial, personal or other interest which they have in the application. Please note that future correspondence will only be sent to registered I&APs.

To register as an I&AP or for more information contact EnviroAfrica at: EnviroAfrica (Solar PV - Mount Roper)  
P.O. Box 5387, HELDERBERG 7135  
Fax: 086 512 0164  
Tel: 021 8511616  
E-mail: admin@enviroafrica.co.za

KEREN ENERGY DANIELSKUIL (PTY) LTD ENVROAFRICA CC

### ENVIRONMENTAL IMPACT ASSESSMENT PUBLIC PARTICIPATION PROCESS

#### REAPPLICATION:

#### PROPOSED DANIELSKUIL SOLAR ENERGY FACILITY

(on Erf. 753, a Portion of Erf. 1, Danielskuil, Kgatelopele Local Municipality, Barkley West Registration Division)  
Original Department of Environmental Affairs Reference Number: 4/11/20/02/14/73  
Original National Environmental Authorisation System Reference Number: DEAEIA0000909/2012

Notice is hereby given of a public participation process in terms of the National Environmental Management Act 1998 (Act No. 107 of 1998) (NEMA) and the Environmental Impact Assessment (EIA) Regulations (2014), for the reapplication of a previously granted but now expired environmental authorisation, to undertake the following activities:

Relevant notices:	Activity No (s)	Description
EIA Regulations Listing Notice 1 of 2014 (GN R. 953)	1	i. The development of facilities or infrastructure for the generation of electricity from a renewable resource where the output is 10 megawatts (MW) or less but the total extent of the facility covers an area in excess of 1 hectare (ha)
	12	ii. The development of infrastructure or structures with a physical footprint of 100m <sup>2</sup> or more
	32	iii. The continuation of any development where the environmental authorisation (EA) has lapsed and where the continuation of the development, after the date the EA has lapsed will meet the threshold of any activity or activities listed in Listing Notice 1, 2, 3 or 4 of 2014.
EIA Regulations Listing Notice 2 of 2014 (GN R. 954)	15	The clearance of an area of 20ha or more of indigenous vegetation.

EnviroAfrica CC has been appointed by Keren Energy Holdings, to undertake the EIA reapplication process for the proposed project. Environmental authorisation (EA) was originally granted by the Department of Environmental Affairs (DEA) for the above application on the 21<sup>st</sup> January 2013 but the EA expired before physical work on the project could commence. Therefore, to continue with the development, reapplication for an EA is required.

**Project Location and Description:**  
The proposed development site is located at 28°12'38.03"S, 23°39'20.33"E on Erf. 753, a Portion of Erf. 1, Danielskuil, within the Kgatelopele Local Municipality, Barkley West Registration Division, Northern Cape Province. The proposed development is an array of 18540 crystalline solar photovoltaic (PV) modules grouped into tables or panels of 20 modules each. It is proposed that the PV tables will form an array covering an area of 20ha, surrounded with a perimeter fence access road and fence. The PV tables will be raised approximately 500mm above ground level and will have single axis tracking systems allowing the generation of approximately 5MW of alternating current. Proposed associated infrastructure includes a fenced construction staging area, a maintenance shed, six control transformers and three transformers on concrete pads, one to two office buildings on the 20ha site and a switch panel for connection to the power grid, as well as a 22kV powerline connection from the PV array to feed in to Eskom's Chabos substation.

**Description of Alternatives:**  
Due to proximity to the Eskom substation and consent use of land, alternative sites do not exist. However, alternative options which include inter alia alternative technology, layout options and the option of not proceeding with the proposed development at all (the No-Go option) are considered within the Draft Basic Assessment Report (DBAR). The Final BAR will include specialist reports and will undergo a further round of public participation.

**Public Participation:**  
Interested and Affected Parties (I&APs) are hereby notified of the availability of the DBAR at the following venues for comment/entry. I&APs are invited to register (in writing) and/or provide initial comments, queries, concerns or opportunities relating to the DBAR for this project, on or before 30<sup>th</sup> April 2017.

In order to register or submit a comment, I&APs should refer to the project name, and provide their name, address and contact details (indicating your preferred method of notification) and an indication of any direct business, financial, personal or other interest which they have in the application. Please note that future correspondence will only be sent to registered I&APs.

To register as an I&AP or for more information contact EnviroAfrica at: EnviroAfrica (Solar PV - Danielskuil); P.O. Box 5387, HELDERBERG, 7135; Fax: 086 512 0164. Tel: 021 8511616. E-mail: admin@enviroafrica.co.za

## PPP: POSTER & MAILDROP PLACEMENT REGISTER

PROJECT:	KEIMOES SOLAR PV	AREA:	KEIMOS
ADDRESS:	ERF. 666, MUNICIPAL COMMONAGE, KEIMOES		
CONTACT PERSON:	V THOMSON		
DATE	08.08.2017	DONE BY	V THOMSON

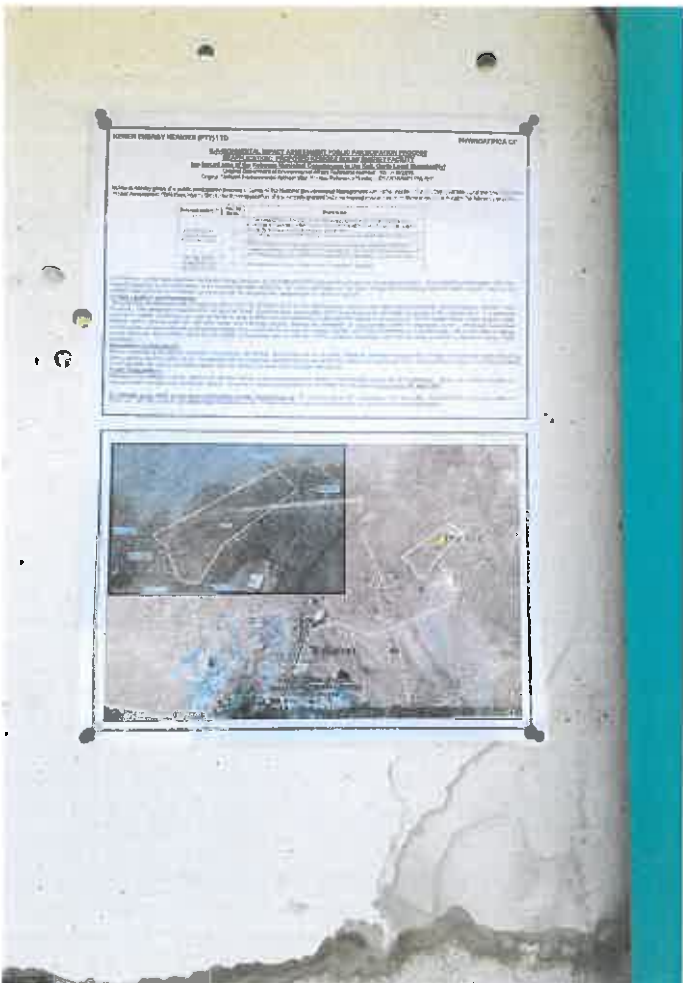
1.	KAI!GARIB LOCAL MUNICIPALITY	1 X A3 POSTER DISPLAYED + 1 X DBAR
2.	(KAI!GARIB KEIMOES MUNICIPAL MANAGER)	
3.	RED RAISINS	Poster (A3) e' maildrops
4.	M4 ENGINEERING	Delivered maildrops e' poster on post
5.	Informal settlement	Maildrops (7)
6.	On fence of site / N14	2 X A2 Posters
7.	AGRIFORM Shop	A3 Poster displayed
8.		

1.	KAI!GARIB KEIMOES MUNICIPAL MANAGER	1 X DBAR received by farm
2.	KAI!GARIB LOCAL MUNICIPALITY	15 X mail drops letters desk
3.	Informal settlement neighbouring site	7 maildrops
4.		
5.		
6.		
7.		
8.		
9.		
10.		
11.		
12.		

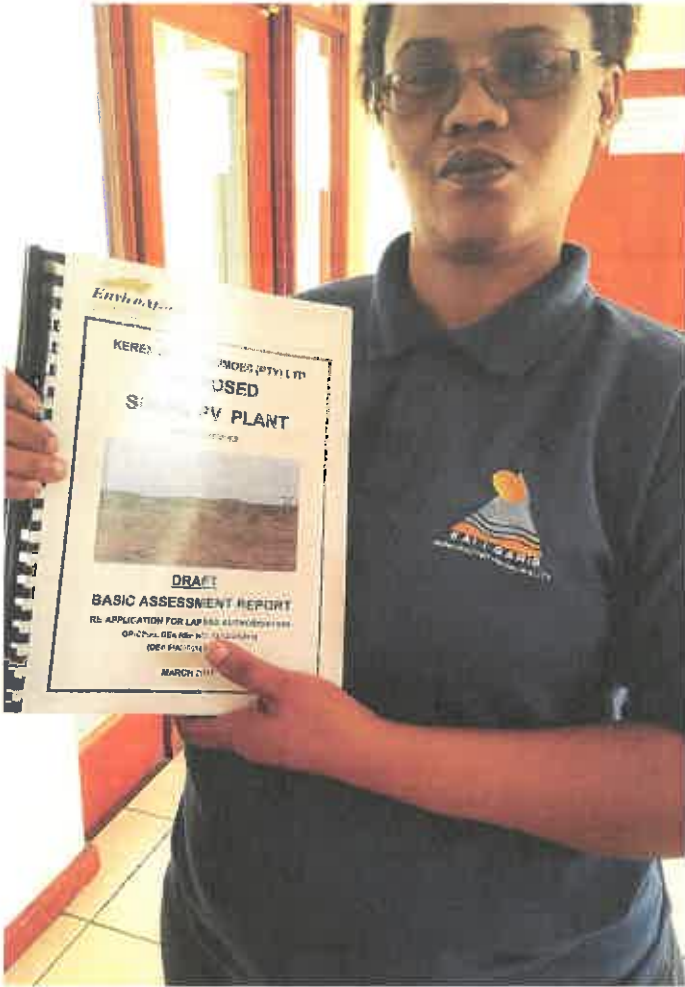


Keimoes-Uprington N14, 2km,  
Keimoes, Northern Cape,  
South Africa  
PO Box 767, Keimoes,  
8860, South Africa  
Tel/Fax +27 (0)54 461 0026  
www.redsun.co.za

**Peter Kulliman**  
Director  
+27 (0)83 283 6744  
peter@redsun.co.za









**Appendix E-2: Proof of Written Notification to Key Stakeholders  
(other than organs of State)**

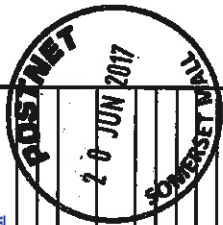
**POST APPLICATION BAR PUBLIC PARTICIPATION**

**Keimoes Solar PV Facility**

Newspaper Advert: 2 March 2017 (1st round)  
Placed: 14 June 2017 (2nd round)



No.	Title	Initial/Name	Surname	Affiliation	Postal Address	Town/City	Code	Telephone	DEA Ref.	1&2 AP List (cont)
1.1	Mr CW	Janse van Rensburg		Kern Energy Keimoes (Pty) Ltd	PO Box 73	Senset West	7137	082 831 7496	14/22/16/9/3/1/754 (New Application Number)	
2.1	Mr JC	Lategaan		Municipal Manager, KallGarb Municipality	Private Bag 26	Kalamas	8870	054 461 6400		
3.1	Mr JC	Lategaan		Municipal Manager, KallGarb Municipality	Private Bag 26	Kalamas	8870	054 461 6400		
4.1	Mr JC	Lategaan		Municipal Manager, KallGarb Municipality	Private Bag 26	Kalamas	8870	054 461 6400		
4.2	Mr JJ	Chrys		Mayor, Kalamas, KallGarb Municipality	Private Bag 26	Kalamas	8870	054 461 6400		
4.3	Mr Buis	Ntsho		ZE Mgeowwa District Municipality	Private Bag 26039	Uptington	8800	054 337 2888		
5.1	Mr J	Madiky		KallGarb Municipality	Private Bag 26	Kalamas	8869	53 461 6700		
5.2	Ms M	Benson		KallGarb Municipality	Private Bag 26	Kalamas	8870	054 461 6700		
5.3	Ms D	Thomas		KallGarb Municipality	Private Bag 26	Kalamas	8870	054 461 6700		
6.1	Ms Elisabeth	Bothe		Act. Head of Dept. - Dept. Environmental and Nature Conservation NC	Private Bag 26010	Kimberley	8306	053 807 7300		
6.2	Mr W	Mufthil		Dept. of Water and Sanitation - NC	162 George Street	Kimberley	8300	053 838 9100		
6.3	Mr Mashudu	Ramwedzi		Department of Water and Sanitation	Private Bag 26101	Kimberley	8300	053 831 4534		
6.4	Mr Glen	Steenkamp		Department of Water and Sanitation	28 Central Road, Beaufortfield	Kimberley	8300	(053) 836 7900 ext 053 842 3258		
6.5	Mr Francois	Reisef		Ekoon North West Region	120 Henry Street, Westdene	Bloemfontein	9301	051 404 2501		
6.6	Mr Kevin	Lesak		Ekoon	P. O. Box 1091	Johannesburg	2001	072-888-2209		
6.7	Mr Shabatao	Mabaphi		Department of Energy	Private Bag 26093	Kimberley	8300	053 836 4000		
6.8	Ms G	Stroh		Co-operative Governance, Human Settlements and South African Civilian Aviation Authority	Private Bag 25005	Kimberley	8300	053 831 4308		
6.9	Ms Liseal	Bothe		Social Development	Private Bag 273	Halfway House	1468	011 545 1232		
6.10	Ms B	Bothe		Social Development	Private Bag 25042	Kimberley	8300	053 874 9100		
6.11	Mr Kevin	Nagwill		Dept. of Transport, Roads & Public Works	PO Box 8132	Kimberley	8301	053 839 2100		
6.12	Mr Thobela	Dhenni		Northern Cape Economic Development, Trade and Investment Promotion Agency (NCEIDA)	2nd Floor, Templar Court Building	Kimberley	8301	053 838 1508		
6.13	Ms H	Stanson		NC - Economic Development and Tourism	Private Bag 26108	Kimberley	8300	053 839 4000		
6.14	Ms Ameliza	Collett		Department of Agriculture, Forestry and Fisheries	Private Bag 2120	Pretoria	0001	012 329 5938		
6.15	Mr J	Mans		Dept. of Agriculture, Forestry and Fisheries	P.O. Box 2782	Uptington	8600	054 336586		
6.16	Mr Colene	Runkel		SAANRAL	P/Bag X 19	Beville	7535	054 3340030		
6.17	Mr Livell	Wolfe		Department: Transport, Safety and Liaison	Private Bag X1568, Sutherland Chambers, Southey Street,	Kimberley	8300	053 839 1700		
6.18	Ms Mashudu	Mambhil		Dept. Agriculture, Forestry and Fisheries (Attention: Delegate of the Minister, Act 70 of 1970)	Private Bag X120	Pretoria	0001	012 519 7519		
6.19	Ms Thoko	Buthazel		Dept. Agriculture, Forestry and Fisheries, AgriLand Liaison Office (Attention: Delegate of the Minister, Act 70 of 1970)	Delpen Building, Car. Annie Boothe & Union Street, Office 270	Pretoria	0001	012 519 7894		
6.20	Mr John	Gwandag		Ekoon, Transkei, Megawatt Park	Megawatt D1/238 or P.O. Box 1091	Johannesburg	2000	011 516 7233		
6.21	Mr The Director			SKA Africa	3rd Floor, The Park, Park Road,	Frislands	7405	021 506 7900		
7.1	Mr Peter	Kullman		Red Sun Raisins	P. O. Box 767	Keimoes	8860	054 461 0025 / 083 283 6744		
8.1	Ms Anna	Stevens		Kalharuf Bulletin	Prefer email correspondence			054 351 3482		
8.2	Ms Melanie	Milne		Deputy Chairperson, Management Committee, Diocese of Adelaide	Prefer email correspondence			083 343 5882		
8.3	Mr Viktor	Sacco		Adla Ministry	P. O. Box 323	Keimoes	8860	054 461 0846		



## ENVIRONMENTAL IMPACT ASSESSMENT PUBLIC PARTICIPATION PROCESS

## POST APPLICATION:

## PROPOSED KEIMOES SOLAR ENERGY FACILITY

(on leased area of the Keimoes Municipal Commonage in the Kail, Garib Local Municipality)

Department of Environmental Affairs Reference Number: 14/12/16/3/3/1/1754

Notice is hereby given of a public participation process in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998) ("NEMA") and the Environmental Impact Assessment (EIA) Regulations (2014); for the reapplication of a previously granted but now expired environmental authorisation, to undertake the following activities:

Relevant notice(s):	Activity No (s)	Description
EIA Regulations Listing Notice 1 of 2014 (GN. R. 327)	1	ii. The development of facilities or infrastructure for the generation of electricity from a renewable resource where the output is 10 megawatts (MW) or less but the total extent of the facility covers an area in excess of 1 hectare (ha)
EIA Regulations Listing Notice 1 of 2014 (GN. R. 327)	27	The clearance of an area of more than 1ha but less than 20ha of indigenous vegetation

EnviroAfrica cc has been appointed by Keren Energy Holdings, to undertake the EIA reapplication process for the proposed project. Environmental authorisation (EA) was originally granted by the Department of Environmental Affairs (DEA) for the above application on the 22<sup>nd</sup> January 2013 but the EA expired before physical work on the project could commence. Therefore, to continue with the development, reapplication for an EA is required.

**Project Location and Description**

The proposed development site is located at 28°41'19.41"S, 20°58'52.28"E, on Erf. 666 Keimoes, within the Kail Garib Local Municipality, ZF Mgcawu District, Northern Cape Province. The proposed development is an array of 18540 crystalline solar photovoltaic (PV) modules grouped into tables or panels of 20 modules each. It is proposed that the PV tables would form an array covering an area of 20ha, circumscribed with a perimeter fire access road and fence. The PV tables will be raised approximately 500mm above ground level and will have single axis tracking systems allowing the generation of approximately 5MW of alternating current. Proposed associated infrastructure includes a fenced construction staging area, a maintenance shed, six central inverters and three transformers on concrete pads, one to two office buildings on the 20ha site and a switch panel for connection to the power grid, as well as a 22kV powerline connection from the PV array to feed in to Eskom's nearby Oasis substation.

**Description of Alternatives:**

Due to proximity to the Eskom substation and consent use of land, alternative sites do not exist. However, alternative options which include *inter alia* alternative technology, layout options and the option of not proceeding with the proposed development at all are considered within the post-application Basic Assessment Report (BAR).

**Public Participation:**

Interested and Affected Parties (I&APs) are hereby notified of the availability of the post application BAR at [www.EnviroAfrica.co.za](http://www.EnviroAfrica.co.za) (under Projects/For Public Participation/Keimoes). A hard copy is also available at the Local Municipal Office. I&APs are invited to register (in writing) and/or provide comments, queries, concerns or opportunities relating to the post-application BAR for this project, on or before 20<sup>th</sup> July 2017.

In order to register or submit a comment, I&APs should refer to the project name, and provide their name, address & contact details (*indicating your preferred method of notification*) and an indication of any direct business, financial, personal, or other interest which they have in the application. Please note that future correspondence will only be sent to registered I&APs.

**To register as an I&AP or for more information contact EnviroAfrica at:**

EnviroAfrica (Keimoes Solar PV)  
P.O. Box 5367, HELDERBERG, 7135  
or  
Fax: 086 512 0154  
Tel.: 021 851 1616  
E-mail: [admin@enviroafrica.co.za](mailto:admin@enviroafrica.co.za)

19 June 2017

Mr. Peter Kuilman  
Red Sun Raisins  
P. O. Box 767  
Keimoes  
8860



Dear Sir

re.: **Post-application BAR for proposed SOLAR PV FACILITY**  
**DEA Reference Number: 14/12/16/3/3/1/1754 (Keimoes)**

EnviroAfrica cc has been appointed by Keren Energy Holdings, to conduct the environmental impact assessment process as part of the environmental authorisation (EA) application for the above development. An EA was originally granted by the Department of Environmental Affairs (DEA) for each of the above project but the EA expired before physical work could commence. Therefore, to continue with the development, a new EA is required.

As part of the new application process, a post-application Basic Assessment Reports (BAR) has been compiled which contains 2017 revisions/addendums of the various specialist reports, as well as an updated draft environmental management programme for the project which were unavailable when the draft BAR was issued during the first round of public comment in March 2017.

Interested and Affected Parties (I&APs) are hereby notified of the availability of the post application BAR at [www.EnviroAfrica.co.za](http://www.EnviroAfrica.co.za) (under Projects/For Public Participation/Keimoes). Besides the attached cd, a hard copy of the BAR is also available at the respective Local Municipal Office. I&APs are invited to register in writing (if this has not been done as yet) and/or provide comments/ queries relating to the post-application BAR/s.

**Please note:** Comments must reach EnviroAfrica in writing, on or before **20 July 2017** for response and inclusion in the final BAR/s to be submitted to the DEA.

Should you need any additional information, please contact Vivienne Thomson or Bernard de Witt on any of the contact details below.

Yours sincerely  
Vivienne Thomson  
EnviroAfrica cc

19 June 2017

Mr. Victor Sacco  
Deputy Chairperson, Management Committee  
Diocese Aids Ministry  
P. O. Box 323  
Keimoes  
8860



Dear Sir

re.: **Post-application BAR for proposed SOLAR PV FACILITY**  
DEA Reference Number: 14/12/16/3/3/1/1754 (Keimoes)

EnviroAfrica cc has been appointed by Keren Energy Holdings, to conduct the environmental impact assessment process as part of the environmental authorisation (EA) application for the above development. An EA was originally granted by the Department of Environmental Affairs (DEA) for each of the above project but the EA expired before physical work could commence. Therefore, to continue with the development, a new EA is required.

As part of the new application process, a post-application Basic Assessment Reports (BAR) has been compiled which contains 2017 revisions/addendums of the various specialist reports, as well as an updated draft environmental management programme for the project which were unavailable when the draft BAR was issued during the first round of public comment in March 2017.

Interested and Affected Parties (I&APs) are hereby notified of the availability of the post application BAR at [www.EnviroAfrica.co.za](http://www.EnviroAfrica.co.za) (under Projects/For Public Participation/Keimoes). Besides the attached cd, a hard copy of the BAR is also available at the respective Local Municipal Office. I&APs are invited to register in writing (if this has not been done as yet) and/or provide comments/ queries relating to the post-application BAR/s.

**Please note:** Comments must reach EnviroAfrica in writing, on or before **20 July 2017** for response and inclusion in the final BAR/s to be submitted to the DEA.

Should you need any additional information, please contact Vivienne Thomson or Bernard de Witt on any of the contact details below.

Yours sincerely  
Vivienne Thomson  
EnviroAfrica cc

**Appendix E-3: I&APs Comment and Response Trail**  
(with proofs under Appendix E-6 "Correspondence and Minutes of Meetings")



# KEIMOES SOLAR PV FACILITY

APPLICANT: Keren Energy Keimoes (Pty) Ltd

## COMMENT AND RESPONSE TRAIL REPORT

(DEA Ref. No: 14/12/16/3/3/1/1754)

No.	Date of Comment, Format of Comment, Organisation/I&AP	Comment	Response from EAP/Applicant/Specialist
1	<p>Date: 08/03/2017            Format: Business card            I&amp;AP: Red Sun Raisins (Mr. Peter Kullman)</p>	<p>Business card given to EAP to register as an I&amp;AP</p>	<p><b>EAP:</b>            i. Registration of organisation</p>
2	<p>Date: 23/03/2017            Format: Email            I&amp;AP: Melanie Miles</p>	<p>i. Registration of individual as an I&amp;AP            ii. Request by Melanie Miles (Content Researcher for Leads 2 Business) for BID</p>	<p><b>EAP:</b>            i. Registration of individual            ii. Email response sending direct internet link to DBAR on EnviroAfrica's website</p>
3	<p>Date: 06/04/2017            Format: Email            I&amp;AP: Diocese Aids Ministry (Deputy Chairperson: Mr. Victor Sacco)</p>	<p>i. Registration of organisation as an I&amp;AP            ii. Interest shown in forming developmental partnerships related to the proposed project.</p>	<p><b>EAP:</b>            i. Registration of organisation            ii. Email and postal letter sent with applicant details, directing I&amp;AP to contact project applicant regarding developmental partnerships</p>
4	<p>Date: 03/05/2017            Format: Letter (via email and post)            I&amp;AP: DEA - Ms. N.Nkosi, (Case Officer), Mr. S. Malaza (Chief Director: Integrated Environmental Management), Ms. S. Dloromo (Deputy Director: Integrated</p>	<p>Instruction that the following comment/queries must be addressed in the FBAR:            i. Query regarding exclusion of activity 27 of GN. 983 from DBAR when application form contain activity 27 of GN 983;            ii. Clarification regarding application for activity 32 of GN 983 and comment from DEA that the activity is, in fact, not applicable;            iii. Request to take note of 7 April 2017 amendments to the EIA Regulations, 2014 and to include similarly listed activities in terms of the amended regulations;            iv. Request to complete section 8(a) and 9(b) of BAR with summaries of specialist findings where required;</p>	<p><b>EAP:</b>            i. Erroneous omission of activity 27 of GN. 932 corrected as per pg. 6 of post-application BAR;            ii. The activity has been excluded from the post-application BAR and an amended application form will be submitted with the FBAR to the DEA;            iii. Change in GN:983 to GN.327 and similarly listed activities included in post application BAR;            iv. Section 8(a) and 9(b) of post application BAR completed with summaries of specialist findings where required;</p>

No.	Date of Comment, Format of Comment, Organisation/I&AP	Comment	Response from EAP/Applicant/Specialist
5	Environmental Authorisations – Public Sector)	<p>v. Comment that Section E of BAR must be signed;</p> <p>vi. Instruction to include period for which EA is required as per Appendix 3 of GN. 982, 3(1)(q);</p> <p>vii. Comment that requirements in terms of Appendix 1(3)(r) of the EIA Regulations, 2014 be included;</p> <p>viii. Request for confirmation letters from specialists regarding validity of original assessments, as well as signed declarations on DEA template;</p> <p>ix. Comment that FBAR must contain: newspaper advert, proof of on-site notice, proof of notification and submission of BAR to registered I&amp;APs and organs of state, copies of all comments received and a comments and response report included to comply with Appendix x. Details and expertise of EAP required to comply with Appendix 1(3)(1)(a) of the EIA Regulations, 2014;</p> <p>xi. Request to include impact assessment with methodology under Appendix F of BAR;</p> <p>xii. Requirement to submit sensitivity map under Appendix A of BAR which includes: watercourses, 1:100 flood line (where available), ridges, cultural and historical features, area with indigenous vegetation, CBAs, areas within 100m of the site;</p> <p>xiii. Request that FBAR must have final site layout map and alternatives, including: PV positions and associated infrastructure, permanent laydown area footprint, internal roads, the crossing of roads and cables over any watercourse and the type of bridging structures that will be used, the location of sensitive features on site, substations and/or transformers sites and their entire footprint, connection routes to the distribution/transmission network, all existing infrastructure, especially roads, buffer areas, buildings including accommodation, all no-go areas;</p> <p>xiv. Request to include EMPr in FBAR and ensure I&amp;APs are given an opportunity to comment on it. EMPr to comply with EIA regulations, Appendix 4;</p> <p>x. Reminder to comply with regulated requirements of a BAR process and timeframes, as well as with section 24F of NEMA.</p> <p>Response to second round of public participation with a request to register business as an I&amp;AP and use email address info@redsun.co.za</p>	<p>v. Section E in post-application BAR and subsequent FBAR to be signed off;</p> <p>vi. Requirements in post-application BAR and subsequent FBAR, provided;</p> <p>vii. Requirements met in post-application BAR and subsequent FBAR;</p> <p>viii. Revised specialist assessments/addendums/confirmation letters and declarations included in post-application BAR;</p> <p>ix. Proof of first round of full public participation included in post-application BAR and proof of second round of full public participation will be included in subsequent FBAR;</p> <p>viii. Included in post-application BAR and will be included in subsequent FBAR;</p> <p>x. Details and expertise of EAP included at end of post-application BAR, as well as in EMPr;</p> <p>xi. Impact assessment and methodology included in post-application BAR and will be included in subsequent FBAR;</p> <p>xii. Sensitivity maps included in post-application BAR which includes relevant items as listed by DEA;</p> <p>xiii. Post application BAR includes site layout map with all available information – finalisation of site layout may only take place at the on-site start up meeting should an EA be granted;</p> <p>xiv. EMPr included in post-application BAR and circulated for a second round of public participation (from 19 June 2017 to 20 July 2017);</p> <p>x. DEA notified that FBAR will be submitted within 140 days of receipt of application by DEA. Acknowledgement of notification received dated 31 May 2017. Post-application BAR public participation process scheduled to run from 19 June 2017 to 20 July 2017, meets needs for public participation after such notification is given.</p>
	Date: 13/07/2017 Format: Email		<b>EAP:</b>

No.	Date of Comment, Format of Comment, Organisation/I&AP	Comment	Response from EAP/Applicant/Specialist
	<p><b>I&amp;AP:</b> Red Sun Raisins (represented by Mr. Peter Kulliman)</p> <p><b>Date:</b> 25/07/2017</p> <p><b>Format:</b> Email with letter attached</p> <p><b>I&amp;AP:</b> SAHRA Final Comment – Mr. J. Gribble, Manager: Maritime and Underwater Cultural Heritage Unit/Acting Manager: Archaeology, Palaeontology and Meteorites Unit</p>		<p>Organisation already registered as an I&amp;AP from first round of public participation – email contact details updated in current I&amp;AP list (i.e. after second round of public participation commenced).</p>
6		<p>Final comment received that should any unmarked human burials/remains or ostrich eggshell water flask caches be uncovered, or exposed during construction activities, these must immediately be reported to the archaeologist (Jonathan Kaplan 082 321 0172), or the South African Heritage Resources Agency (SAHRA at 021 462 4502). Burials must not be removed or disturbed until inspected by the archaeologist. Should any substantial fossil remains (e.g. vertebrate bones and teeth) be encountered during excavation, however, these should be reported to SAHRA for possible mitigation by a professional palaeontologist.</p>	<p><b>EAP:</b> Information and instructions captured in FBAR and included in EMPr.</p>
7		<p>END OF TRAIL REPORT</p>	

**Appendix E-4: Proof of Written Notification to Authorities and Organs of State  
of Proposed Activities**

**POST APPLICATION BAR PUBLIC PARTICIPATION**

**Keimoes Solar PV Facility**

Newspaper Advert 2 March 2017 (1st round)  
 Placed: 14 June 2017 (2nd round)  
 First public participation period ended 10 April 2017  
 Second public participation period to end 20 July 2017

I&AP List for: 14/12/16/3/3/1754 (New Application Number)  
 DEA Ref:



No.	Title	Initials/Name	Surname	Affiliation	Postal Address	Town/City	Code	Telephone	Fax	Email
<b>1. Applicants</b>										
1.1	Mr	CW	James v Rensburg	Koem Energy Keimoes (Pty) Ltd	PO Box 73	Southeast West	7197	082 431 7696	021 853 0269	weyses@keimoesenergy.com
<b>2. Investors / Land Owners</b>										
2.1	Mr	JC	Lategan	Municipal Manager, KaiGarib Municipality	Private Bag 36	Kaunas	8870	054 461 6400	054 461 6401	mm@kaiGarib.gov.za or admin@kaiGarib.gov.za
3.1		n/a		n/a	n/a	n/a				n/a
<b>4. Municipalities</b>										
4.1	Mr	JG	Lategan	Municipal Manager, KaiGarib Municipality	Private Bag 36	Kaunas	8870	054 461 6400	054 461 6401	mm@kaiGarib.gov.za or admin@kaiGarib.gov.za
4.2	Mr	JI	Olyn	Mnyor, Kaunas, KaiGarib Municipality	Private Bag 36	Kaunas	8870	054 461 6400	054 461 6441	mnyor@kaiGarib.gov.za
4.3	The	Ellis	Ntoba	ZE Mqatswa District Municipality	Private Bag 8039	Uptington	8800	054 337 2800	054 337 2888	mm@zfm-dm.gov.za
<b>5. Municipal Ward Councilors</b>										
5.1	Mr	J	Mackay	KaiGarib Municipality	Private Bag 36	Kaunas	8869	054 461 6700	054 461 6401	admin@kaiGarib.gov.za
5.2	Ms	M	Rason	KaiGarib Municipality	Private Bag 36	Kaunas	8870	054 461 6700	054 461 6401	admin@kaiGarib.gov.za
5.3	Ms	D	Purves	KaiGarib Municipality	Private Bag 36	Kaunas	8870	054 461 6700	054 461 6401	admin@kaiGarib.gov.za
<b>6. State Organisations</b>										
6.1	Ms	Elisabeth	Botse	Act. Head of Dept. - Dept. Environmental and Nature Conservation NC	Private Bag 26010	Kimberley	8306	053 807 7500	053 807 7528	bbotes@gmail.com
6.2	Mr	W	Mothibi	Dept. of Water and Sanitation - NC	167 George Street	Kimberley	8300	053 838 9100	053 832 4328	
6.3	Mr	Mashudu	Ranwadi	Department of Water and Sanitation	28 Central Road, Beaufortfield	Kimberley	8300	(053) 836 7600 ext	053 831 4554	
6.4	Mr	Kevin	Stevenson	Department of Water and Sanitation	120 Henry Street, Westdene	Bloemfontein	9301	0671 404 2501	072-888-9209	
6.5	Mr	Francis	Rehler	Bokom North West Region	P.O. Box 1091	Johannesburg	2001	072-888-9209	086 562 7065	
6.6	Mr	Kevin	Lewak	Department of Energy	Private Bag 26093	Kimberley	8300	053 836 4000	053 831 4908	
6.7	Mr	Sebatso	Motshapi	Co-operative Governance, Human Settlements and South African Civilian Aviation Authority	Private Bag 25005	Kimberley	8300	053 830 9422	011 545 1451	stroh@caa.co.za
6.8	Ms	G	Bohla	Social Development	Private Bag 273	Halfway House	1685	011 545 1282	053 874 9100	
6.9	Ms	Lizal	Shah	Dept. of Transport, Roads & Public Works	Private Bag 25042	Kimberley	8300	053 839 2100	053 839 2291	
6.10	Ms	B	Boes	Northern Cape Economic Development, Trade and Investment Promotion Agency (NCEDA)	PO Box 3132	Kimberley	8301	053 838 1548	053 833 1390	
6.11	Mr	Kevin	Nogwell	NC - Economic Development and Tourism	2nd Floor, Templar Court Building	Kimberley	8301	053 839 4000	053 832 0805	
6.12	Mr	Thobela	Dhoni	Department of Agriculture, Forestry and Fisheries	Private Bag 26108	Pretoria	0001	012 319 7519	012 329 9988	AnnalizaC@da.aff.gov.za
6.13	Mrs	H	Sanson	Dept. of Agriculture, Forestry and Fisheries	P.O. Box 2782	Uptington	8800	054 338586	054 3340080	AnnalizaC@da.aff.gov.za
6.14	Mr	Annaliza	Collett	SANRAL	P/Bag X-19	Beaufort	7535	053 839 1700	053 839 1773	AnnalizaC@da.aff.gov.za
6.15	Mr	J	Mans	Department: Transport, Safety and Liaison	Private Bag X1366, Southern Chambers, Southey Street,	Kimberley	8300	053 839 1700	053 839 1773	
6.16	Ms	Colene	Ruskel	Dept. Agriculture, Forestry and Fisheries (Attention: Delegate of the Minister, Act 70 of 1970)	Private Bag X120	Pretoria	0001	012 319 7619		MashuduM@da.aff.gov.za
6.17	Mr	Lizal	Wolfe	Dept. Agriculture, Forestry and Fisheries (Attention: Delegate of the Minister, Act 70 of 1970)	Delpen Building, Cnr. Annie Botha & Union Street, Office 270	Pretoria	0001	012 319 7654		Thoko@da.aff.gov.za
6.18	Ms	Mashudu	Mazibidi	Bokom Transmission, Megaswatt Park	Megaswatt D1218 or P.O. Box 1091	Johannesburg	2000	011 516 7283	086 661 0064	john_reesingh@eskom.co.za
6.19	Ms	Thoko	Buthelesi	SKA Africa	3rd Floor, The Park, Park Road,	Pretoria	7405	021 506 7900	021 506 7375	
6.20	Mr	John	Gacingh	Red Sun Railines	P. O. Box 767	Kaunas	8860	054 461 0125 / 053 283 6744		
6.21	The	Director								
<b>7. Neighbours (immediately adjacent and delivered)</b>										
7.1	Mr	Peter	Kullman							
<b>8. Other</b>										
8.1	Ms	Aqua	Strauss	Prefer email correspondence						
8.2	Ms	Melanie	Miles	Prefer email correspondence						
8.3	Mr	Victor	Sacco	P. O. Box 323	Kaunas	8860	054 461 0346	054 461 0346	054 461 0346	diocese@telkomsa.net

POSTNET  
 20 JUN 2017  
 SOMERSET WEST

## Vivienne Thomson

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**From:** Vivienne Thomson <vivienne@enviroafrica.co.za>  
**Sent:** Tuesday, 20 June 2017 1:00 AM  
**To:** 'mm@zfm-dm.gov.za'  
**Subject:** KEIMOES SOLAR PV FACILITY (DEA Reference Number: 14/12/16/3/3/1/1754)

Dear Sir/Madam

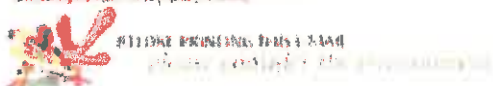
EnviroAfrica cc has been appointed by Keren Energy Holdings, to conduct the environmental impact assessment process as part of the environmental authorisation (EA) application for the above development. An EA was originally granted by the Department of Environmental Affairs (DEA) for the above project in 2013 but the EA expired before physical work could commence. Therefore, to continue with the development, a new EA is required.

As part of the new application process, a post-application Basic Assessment Report (BAR) has been compiled which contains 2017 revisions/addendums of the various specialist reports, as well as an updated draft environmental management programme for the project which were unavailable when the draft BAR was issued during the first round of public comment in March 2017.

Interested and Affected Parties (I&APs) are hereby notified of the availability of the post application BAR at [www.EnviroAfrica.co.za](http://www.EnviroAfrica.co.za) (under Projects/For public participation/Keimoes). A hard copy is also available at the Local Municipal Office. I&APs are invited to register in writing (if this has not been done as yet) and/or provide comments/ queries relating to the post-application BAR.

**Please note:** Comments must reach EnviroAfrica in writing, on or before **20 July 2017** for response and inclusion in the final BAR to be submitted to the DEA.

Thank you,  
Vivienne Thomson  
Telephone: +2721 851 1616  
Email: [vivienne@enviroafrica.co.za](mailto:vivienne@enviroafrica.co.za)



## Vivienne Thomson

---

**From:** Vivienne Thomson <vivienne@enviroafrica.co.za>  
**Sent:** Tuesday, 20 June 2017 1:01 AM  
**To:** 'mayor@kaigarib.gov.za'  
**Subject:** KEIMOES SOLAR PV FACILITY (DEA Reference Number: 14/12/16/3/3/1/1754)

Dear Sir/Madam

EnviroAfrica cc has been appointed by Keren Energy Holdings, to conduct the environmental impact assessment process as part of the environmental authorisation (EA) application for the above development. An EA was originally granted by the Department of Environmental Affairs (DEA) for the above project in 2013 but the EA expired before physical work could commence. Therefore, to continue with the development, a new EA is required.

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Thank you,  
Vivienne Thomson  
Telephone: +2721 851 1616  
Email: [vivienne@enviroafrica.co.za](mailto:vivienne@enviroafrica.co.za)



## Vivienne Thomson

---

**From:** Vivienne Thomson <vivienne@enviroafrica.co.za>  
**Sent:** Tuesday, 20 June 2017 12:57 AM  
**To:** 'mm@kaigarib.gov.za'; 'admin@kaigarib.gov.za'  
**Subject:** KEIMOES SOLAR PV FACILITY (DEA Reference Number: 14/12/16/3/3/1/1754)

Dear Sir/Madam

EnviroAfrica cc has been appointed by Keren Energy Holdings, to conduct the environmental impact assessment process as part of the environmental authorisation (EA) application for the above development. An EA was originally granted by the Department of Environmental Affairs (DEA) for the above project in 2013 but the EA expired before physical work could commence. Therefore, to continue with the development, a new EA is required.

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**Please note:** Comments must reach EnviroAfrica in writing, on or before **20 July 2017** for response and inclusion in the final BAR to be submitted to the DEA.

Thank you,  
Vivienne Thomson  
Telephone: +2721 851 1616  
Email: [vivienne@enviroafrica.co.za](mailto:vivienne@enviroafrica.co.za)





## Vivienne Thomson

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**From:** Vivienne Thomson <[vivienne@enviroafrica.co.za](mailto:vivienne@enviroafrica.co.za)>  
**Sent:** Tuesday, 20 June 2017 12:48 AM  
**To:** 'john.geeringh@eskom.co.za'  
**Subject:** KEIMOES SOLAR PV FACILITY (DEA Reference Number: 14/12/16/3/3/1/1754)

Dear Sir/Madam

EnviroAfrica cc has been appointed by Keren Energy Holdings, to conduct the environmental impact assessment process as part of the environmental authorisation (EA) application for the above development. An EA was originally granted by the Department of Environmental Affairs (DEA) for the above project in 2013 but the EA expired before physical work could commence. Therefore, to continue with the development, a new EA is required.

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**Please note:** Comments must reach EnviroAfrica in writing, on or before **20 July 2017** for response and inclusion in the final BAR to be submitted to the DEA.

Thank you,  
Vivienne Thomson  
Telephone: +2721 851 1616  
Email: [vivienne@enviroafrica.co.za](mailto:vivienne@enviroafrica.co.za)



## Vivienne Thomson

---

**From:** Vivienne Thomson <[vivienne@enviroafrica.co.za](mailto:vivienne@enviroafrica.co.za)>  
**Sent:** Tuesday, 20 June 2017 12:44 AM  
**To:** 'ThokoB@daff.gov.za'  
**Subject:** KEIMOES SOLAR PV FACILITY (DEA Reference Number: 14/12/16/3/3/1/1754)

Dear Sir/Madam

EnviroAfrica cc has been appointed by Keren Energy Holdings, to conduct the environmental impact assessment process as part of the environmental authorisation (EA) application for the above development. An EA was originally granted by the Department of Environmental Affairs (DEA) for the above project in 2013 but the EA expired before physical work could commence. Therefore, to continue with the development, a new EA is required.

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**Please note:** Comments must reach EnviroAfrica in writing, on or before **20 July 2017** for response and inclusion in the final BAR to be submitted to the DEA.

Thank you,  
Vivienne Thomson  
Telephone: +2721 851 1616  
Email: [vivienne@enviroafrica.co.za](mailto:vivienne@enviroafrica.co.za)



## Vivienne Thomson

---

**From:** Vivienne Thomson <vivienne@enviroafrica.co.za>  
**Sent:** Tuesday, 20 June 2017 12:42 AM  
**To:** 'MashuduMa@daff.gov.za'  
**Subject:** KEIMOES SOLAR PV FACILITY (DEA Reference Number: 14/12/16/3/3/1/1754)

Dear Sir/Madam

EnviroAfrica cc has been appointed by Keren Energy Holdings, to conduct the environmental impact assessment process as part of the environmental authorisation (EA) application for the above development. An EA was originally granted by the Department of Environmental Affairs (DEA) for the above project in 2013 but the EA expired before physical work could commence. Therefore, to continue with the development, a new EA is required.

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**Please note:** Comments must reach EnviroAfrica in writing, on or before **20 July 2017** for response and inclusion in the final BAR to be submitted to the DEA.

Thank you,  
Vivienne Thomson  
Telephone: +2721 851 1616  
Email: [vivienne@enviroafrica.co.za](mailto:vivienne@enviroafrica.co.za)



## Vivienne Thomson

---

**From:** Vivienne Thomson <vivienne@enviroafrica.co.za>  
**Sent:** Tuesday, 20 June 2017 12:40 AM  
**To:** 'jacolineMa@daff.gov.za'  
**Subject:** KEIMOES SOLAR PV FACILITY (DEA Reference Number: 14/12/16/3/3/1/1754)

Dear Sir/Madam

EnviroAfrica cc has been appointed by Keren Energy Holdings, to conduct the environmental impact assessment process as part of the environmental authorisation (EA) application for the above development. An EA was originally granted by the Department of Environmental Affairs (DEA) for the above project in 2013 but the EA expired before physical work could commence. Therefore, to continue with the development, a new EA is required.

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**Please note:** Comments must reach EnviroAfrica in writing, on or before **20 July 2017** for response and inclusion in the final BAR to be submitted to the DEA.

Thank you,  
Vivienne Thomson  
Telephone: +2721 851 1616  
Email: [vivienne@enviroafrica.co.za](mailto:vivienne@enviroafrica.co.za)



## Vivienne Thomson

---

**From:** Vivienne Thomson <vivienne@enviroafrica.co.za>  
**Sent:** Tuesday, 20 June 2017 12:38 AM  
**To:** 'AnnelizaC@nda.agric.za'  
**Subject:** KEIMOES SOLAR PV FACILITY (DEA Reference Number: 14/12/16/3/3/1/1754)

Dear Sir/Madam

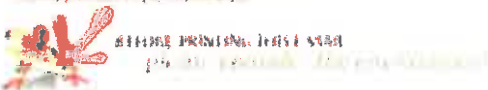
EnviroAfrica cc has been appointed by Keren Energy Holdings, to conduct the environmental impact assessment process as part of the environmental authorisation (EA) application for the above development. An EA was originally granted by the Department of Environmental Affairs (DEA) for the above project in 2013 but the EA expired before physical work could commence. Therefore, to continue with the development, a new EA is required.

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Thank you,  
Vivienne Thomson  
Telephone: +2721 851 1616  
Email: [vivienne@enviroafrica.co.za](mailto:vivienne@enviroafrica.co.za)



## Vivienne Thomson

---

**From:** Vivienne Thomson <vivienne@enviroafrica.co.za>  
**Sent:** Tuesday, 20 June 2017 12:34 AM  
**To:** 'strohl@caa.co.za'  
**Subject:** KEIMOES SOLAR PV FACILITY (DEA Reference Number: 14/12/16/3/3/1/1754)

Dear Sir/Madam

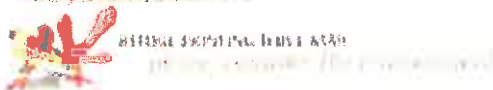
EnviroAfrica cc has been appointed by Keren Energy Holdings, to conduct the environmental impact assessment process as part of the environmental authorisation (EA) application for the above development. An EA was originally granted by the Department of Environmental Affairs (DEA) for the above project in 2013 but the EA expired before physical work could commence. Therefore, to continue with the development, a new EA is required.

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Interested and Affected Parties (I&APs) are hereby notified of the availability of the post application BAR at [www.EnviroAfrica.co.za](http://www.EnviroAfrica.co.za) (under Projects/For public participation/Keimoes). A hard copy is also available at the Local Municipal Office. I&APs are invited to register in writing (if this has not been done as yet) and/or provide comments/ queries relating to the post-application BAR.

**Please note:** Comments must reach EnviroAfrica in writing, on or before **20 July 2017** for response and inclusion in the final BAR to be submitted to the DEA.

Thank you,  
Vivienne Thomson  
Telephone: +2721 851 1616  
Email: [vivienne@enviroafrica.co.za](mailto:vivienne@enviroafrica.co.za)



**POST APPLICATION BAR PUBLIC PARTICIPATION**

**Keimoes Solar PV Facility**

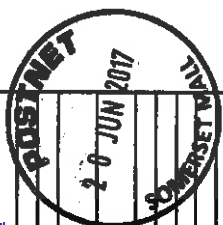
I&AP List for  
DEA Ref: 14/12/16/3/9/1754 (New Application Number)

Newspaper Advert 2 March 2017 (1st round)  
Placed: 14 June 2017 (2nd round)

First public participation period ended 10 April 2017  
Second public participation period to end 20 July 2017



No.	Title	Initials/Name	Surname	ABR/Institution	Postal Address	Town/City	Code	Telephone	Fax	E-mail
<b>I. Applicant</b>										
1.1	Mr	CW	Janse v Rensburg	Keren Energy Keimoes (Pty) Ltd	PO Box 73	Somerset West	7137	082 631 7496	021 653 0269	wv@krenenergy.com
2.	Company/land owners									
<b>II. Municipalities</b>										
2.1	Mr	JG	Lategan	Municipal Manager, KaiCurub Municipality	Private Bag 26	Kaifans	8870	054 461 6400	054 461 6401	mm@kaifans.gov.za or admin@kaifans.gov.za
3.1		n/a		n/a	n/a	n/a				n/a
<b>III. Other Organisations</b>										
4.1	Mr	JG	Lategan	Municipal Manager, KaiCurub Municipality	Private Bag 26	Kaifans	8870	054 461 6400	054 461 6401	mm@kaifans.gov.za or admin@kaifans.gov.za
4.2	Mr	HL	Olyn	Meyer, Kaifans, KaiCurub Municipality	Private Bag 26	Kaifans	8870	054 461 6400	054 461 6441	mvo@kaifans.gov.za
4.3	The	Ellas	Ntsho	ZE Mgwana District Municipality	Private Bag 26889	Uptington	8860	054 337 2800	054 337 2888	mm@zfm-dm.gov.za
5.1	Mr	J	MacKay	KaiCurub Municipality	Private Bag 26	Kaifans	8869	054 461 6700	054 461 6401	admin@kaifans.gov.za
5.2	Ms	M	Basson	KaiCurub Municipality	Private Bag 26	Kaifans	8870	054 461 6700	054 461 6401	admin@kaifans.gov.za
5.3	Ms	D	Pienze	KaiCurub Municipality	Private Bag 26	Kaifans	8870	054 461 6700	054 461 6401	admin@kaifans.gov.za
<b>IV. Other Organisations</b>										
6.1	Ms	Bibbeth	Beres	Act. Head of Dept. - Dept. Environmental and Nature Conservation NC	Private Bag 26010	Kimberley	8306	053 807 7300	053 807 7328	bberes@gmail.com
6.2	W	Mothibi			162 George Street	Kimberley	8300	053 838 9100	053 832 4328	
6.3	Mr	Mashudu	Ranwezizi	Dept. of Water and Sanitation - NC	Private Bag 26101	Kimberley	8300	053 831 4544		
6.4	Clm	Glen	Shankamp	Department of Water and Sanitation	28 Central Road, Beaufortfield	Kimberley	8300	(053) 836 7600 ext	053 842 2258	
6.5	Mr	Francis	Reifel	Ekimong North West Region	120 Henry Street, Westdene	Bloemfontein	9301	051 404 2501		
6.6	Mr	Kovlin	Lesak	Bakom	P. O. Box 1091	Johannesburg	2001	072 888 9289		
6.7	Sababano	Motshali		Department of Energy	Private Bag 26098	Kimberley	8300	053 856 4000	086 562 7065	
6.8	Ms	G	Botla	Co-operative Governance, Human Settlements and South African Civilian Aviation Authority	Private Bag 26005	Kimberley	8300	053 830 9422	053 831 1308	
6.9	Ms	Lisel	Stroh	Private Bag 273	Halfway House	Halfway House	1685	011 545 1232	011 545 1451	
6.10	Ms	B	Rokes	Social Development	Private Bag 25942	Kimberley	8300	053 874 9100	053 871 0862	stroh@saab.co.za
6.11	Mr	Kevin	Nagwill	Dept. of Transport, Roads & Public Works	PO Box 3132	Kimberley	8301	053 839 2100	053 839 2291	
6.12	Thobeka	Dhoni		Northern Cape Economic Development, Trade and Investment Promotion Agency (NCEIDA)	2nd Floor, Tempair Court Building	Kimberley	8301	053 838 1508	053 833 1390	
6.13	Mrs	H	Stansen	N.C. - Economic Development and Tourism	Private Bag 26108	Kimberley	8300	053 839 4000	053 832 6805	
6.14	Ms	Auneliza	Collett	Department of Agriculture, Forestry and Fisheries	Private Bag 2120	Pretoria	0001	012 3197508	012 329 3938	Auneliza.C@daaff.gov.za
6.15	Mr	J	Masa	Dept. of Agriculture, Forestry and Fisheries	P.O. Box 2782	Uptington	8800	054 348586	054 344080	jacoline.M@daaff.gov.za
6.16		Cobena	Rumbel	SANRAL	27 Bag 2, 19	Belville	7535			
6.17	Mr	Lisel	Wolfe	Department: Transport Safety and Liaison	Private Bag X1366, Southey Chambers, Southey Street,	Kimberley	8300	053 839 1700	053 839 1773	
6.18	Ms	Mashudu	Mantshali	Dept. Agriculture, Forestry and Fisheries (Attention: Delegate of the Minister, Act 70 of 1970)	Private Bag X120	Pretoria	0001	012 319 7619		MashuduM@daaff.gov.za
6.19	Ms	Thoko	Buthakwi	Dept. Agriculture, Forestry and Fisheries: Agr/Land Liaison Office (Attention: Delegate of the Minister Act 70 of 1970)	Deipen Building, Cur. Annie Bohn & Union Street, Office 270	Pretoria	0001	012 319 7654		
6.20	Mr	John	Geeringh	Bakom Transmission, Mgwawatt Park	Mgwawatt D1338 or P.O. Box 1091	Johannesburg	2000	011 516 7233	086 661 4064	john.geeringh@eskom.co.za
6.21	The	Director		SKA Africa	3rd Floor, The Park, Park Road,	Pretoria	7405	021 506 7300	021 506 7375	ThokoB@daaff.gov.za
<b>V. Other</b>										
7.1	Mr	Peter	Kuitman	Red Sun Bakinas	P. O. Box 767	Keimoes	8860	054 461 0025 / 053 283 6744		
<b>VI. Other</b>										
7.2	Maildrops/delivery done for all homes immediately adjacent to proposed site (semi-formal/farm dwellings)									
8.1	Ms	Amya	Shonous	Kalshat Bullfinch	Prifer email correspondence			054 331 3482	086 271 3300	astraus@volksblad.co.za
8.2	Ms	Melanie	Willes	Leude 2 Business	Prifer email correspondence			086 083 6317	033 343 5882	melanem@2b.co.za
8.3	Mr	Victor	Sacco	Akile Ministry	P. O. Box 325	Keimoes	8860	054 461 0346	054 461 0346	dioces@telkomsa.net



## ENVIRONMENTAL IMPACT ASSESSMENT PUBLIC PARTICIPATION PROCESS

## POST APPLICATION:

## PROPOSED KEIMOES SOLAR ENERGY FACILITY

(on leased area of the Keimoes Municipal Commonage in the Kail, Garib Local Municipality)

Department of Environmental Affairs Reference Number: 14/12/16/3/3/1/1754

Notice is hereby given of a public participation process in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998) ("NEMA") and the Environmental Impact Assessment (EIA) Regulations (2014); for the reapplication of a previously granted but now expired environmental authorisation, to undertake the following activities:

Relevant notice(s):	Activity No (s)	Description
EIA Regulations Listing Notice 1 of 2014 (GN. R. 327)	1	ii. The development of facilities or infrastructure for the generation of electricity from a renewable resource where the output is 10 megawatts (MW) or less but the total extent of the facility covers an area in excess of 1 hectare (ha)
EIA Regulations Listing Notice 1 of 2014 (GN. R. 327)	27	The clearance of an area of more than 1ha but less than 20ha of indigenous vegetation

EnviroAfrica cc has been appointed by Keren Energy Holdings, to undertake the EIA reapplication process for the proposed project. Environmental authorisation (EA) was originally granted by the Department of Environmental Affairs (DEA) for the above application on the 22<sup>nd</sup> January 2013 but the EA expired before physical work on the project could commence. Therefore, to continue with the development, reapplication for an EA is required.

**Project Location and Description**

The proposed development site is located at 28°41'19.41"S, 20°58'52.28"E, on Erf. 666 Keimoes, within the Kail Garib Local Municipality, ZF Mgcawu District, Northern Cape Province. The proposed development is an array of 18540 crystalline solar photovoltaic (PV) modules grouped into tables or panels of 20 modules each. It is proposed that the PV tables would form an array covering an area of 20ha, circumscribed with a perimeter fire access road and fence. The PV tables will be raised approximately 500mm above ground level and will have single axis tracking systems allowing the generation of approximately 5MW of alternating current. Proposed associated infrastructure includes a fenced construction staging area, a maintenance shed, six central inverters and three transformers on concrete pads, one to two office buildings on the 20ha site and a switch panel for connection to the power grid, as well as a 22kV powerline connection from the PV array to feed in to Eskom's nearby Oasis substation.

**Description of Alternatives:**

Due to proximity to the Eskom substation and consent use of land, alternative sites do not exist. However, alternative options which include *inter alia* alternative technology, layout options and the option of not proceeding with the proposed development at all are considered within the post-application Basic Assessment Report (BAR).

**Public Participation:**

Interested and Affected Parties (I&APs) are hereby notified of the availability of the post application BAR at [www.EnviroAfrica.co.za](http://www.EnviroAfrica.co.za) (under Projects/For Public Participation/Keimoes). A hard copy is also available at the Local Municipal Office. I&APs are invited to register (in writing) and/or provide comments, queries, concerns or opportunities relating to the post-application BAR for this project, on or before 20<sup>th</sup> July 2017.

In order to register or submit a comment, I&APs should refer to the project name, and provide their name, address & contact details (*indicating your preferred method of notification*) and an indication of any direct business, financial, personal, or other interest which they have in the application. Please note that future correspondence will only be sent to registered I&APs.

**To register as an I&AP or for more information contact EnviroAfrica at:**

EnviroAfrica (Keimoes Solar PV)  
P.O. Box 5367, HELDERBERG, 7135  
or  
Fax: 086 512 0154  
Tel.: 021 851 1616  
E-mail: [admin@enviroafrica.co.za](mailto:admin@enviroafrica.co.za)



19 June 2017

Mr. J. Geeringh  
Eskom Transmission  
Megawatt Park D1Y38  
P. O. Box 1091  
Johannesburg  
200



Dear Sir

re.: **Post-application BAR for proposed SOLAR PV FACILITIES**

- DEA Reference Number: 14/12/16/3/3/1/1754 (Keimoes)
- DEA Reference Number: 14/12/16/3/3/1/1755 (Kakamas)

EnviroAfrica cc has been appointed by Keren Energy Holdings, to conduct the environmental impact assessment process as part of the environmental authorisation (EA) application for the above development. An EA was originally granted by the Department of Environmental Affairs (DEA) for each of the above projects but the EA expired before physical work could commence. Therefore, to continue with the development, new EAs are required.

As part of the new application processes, post-application Basic Assessment Reports (BARs) have been compiled which contains 2017 revisions/addendums of the various specialist reports, as well as an updated draft environmental management programme for the project which were unavailable when the draft BARs was issued during the first round of public comment in March 2017.

Interested and Affected Parties (I&APs) are hereby notified of the availability of the post application BARs at [www.EnviroAfrica.co.za](http://www.EnviroAfrica.co.za) (under Projects/For public participation/Keimoes or Kakamas, respectively). Besides the attached cd, hard copies of each BAR are also available at the respective Local Municipal Offices. I&APs are invited to register in writing (if this has not been done as yet) and/or provide comments/ queries relating to the post-application BAR/s.

**Please note:** Comments must reach EnviroAfrica in writing, on or before **20 July 2017** for response and inclusion in the final BAR/s to be submitted to the DEA.

Should you need any additional information, please contact Vivienne Thomson or Bernard de Witt on any of the contact details below.

Yours sincerely  
Vivienne Thomson  
EnviroAfrica cc

19 June 2017

The Director  
SKA Africa  
3<sup>rd</sup> Floor, The Park  
Park Road  
Pinelands  
7405



Dear Sir/Madam

re.: **Post-application BAR for proposed SOLAR PV FACILITIES**

- DEA Reference Number: 14/12/16/3/3/1/1751 (Danielskuil)
- DEA Reference Number: 14/12/16/3/3/1/1752 (Disselfontein)
- DEA Reference Number: 14/12/16/3/3/1/1753 (Mount Roper)
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Yours sincerely  
Vivienne Thomson  
EnviroAfrica cc

19 June 2017

Ms. Elisabeth Botes  
Acting Head of Department  
Department of Environment and Nature Conservation Northern Cape  
Private Bag X6010  
Kimberley  
8306



Dear Madam

re.: **Post-application BAR for proposed SOLAR PV FACILITIES**

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Yours sincerely  
Vivienne Thomson  
EnviroAfrica cc

19 June 2017

Mr. W. V. D. Mothibi  
The Head of Department  
**Department of Agriculture, Land Reform and Rural Development**  
162 George Street  
Kimberley  
8306

Dear Sir/Madam



re.: **Post-application BAR for proposed SOLAR PV FACILITIES**

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Should you need any additional information, please contact Vivienne Thomson or Bernard de Witt on any of the contact details below.

Yours sincerely  
Vivienne Thomson  
*EnviroAfrica cc*

19 June 2017

Ms. Mashudu Marubini  
Delegate of the Minister (Act 70 of 1970)  
National Department of Agriculture, Forestry and Fisheries  
Private Bag X120  
Pretoria  
0001

Dear Madam

re.: **Post-application BAR for proposed SOLAR PV FACILITIES**

- DEA Reference Number: 14/12/16/3/3/1/1751 (Danielskuil)
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Interested and Affected Parties (I&APs) are hereby notified of the availability of the post application BARs at [www.EnviroAfrica.co.za](http://www.EnviroAfrica.co.za) (under Projects/For Public Participation/respective project). Besides the attached cd, hard copies of each BAR are also available at the respective Local Municipal Offices. I&APs are invited to register in writing (if this has not been done as yet) and/or provide comments/queries relating to the post-application BAR/s.

**Please note:** Comments must reach EnviroAfrica in writing, on or before **20 July 2017** for response and inclusion in the final BAR/s to be submitted to the DEA.

Should you need any additional information, please contact Vivienne Thomson or Bernard de Witt on any of the contact details below.

Yours sincerely  
Vivienne Thomson  
EnviroAfrica cc

19 June 2017

Ms. Thoko Buthelezi  
AgriLand Liaison Office  
National Department of Agriculture, Forestry and Fisheries  
Private Bag X120  
Pretoria  
0001



Dear Madam

re.: **Post-application BAR for proposed SOLAR PV FACILITIES**

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**Please note:** Comments must reach EnviroAfrica in writing, on or before **20 July 2017** for response and inclusion in the final BAR/s to be submitted to the DEA.

Should you need any additional information, please contact Vivienne Thomson or Bernard de Witt on any of the contact details below.

Yours sincerely  
Vivienne Thomson  
EnviroAfrica cc

19 June 2017

Ms. Jacoline Mans  
Department of Agriculture, Forestry and Fisheries  
P. O. Box 2782  
Upington  
8800



Dear Madam

re.: **Post-application BAR for proposed SOLAR PV FACILITIES**

- DEA Reference Number: 14/12/16/3/3/1/1751 (Danielskuil)
- DEA Reference Number: 14/12/16/3/3/1/1752 (Disselfontein)
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Should you need any additional information, please contact Vivienne Thomson or Bernard de Witt on any of the contact details below.

Yours sincerely  
Vivienne Thomson  
EnviroAfrica cc

**RECEIPT COPY FOR SIGNATURE/STAMP:**

12 June 2017

Dear Sir/Madam

**re.: Post-application BAR for the proposed KEIMOES SOLAR PV FACILITY**  
(DEA Reference Number: 14/12/16/3/3/1/1754)

EnviroAfrica cc has been appointed by Keren Energy Holdings, to conduct the environmental impact assessment process for the above proposed development on leased area of the Keimoes Municipal Commonage in the Kai!Garib Local Municipality.

As a registered interested and affected party, please find herewith, a cd containing the post-application Basic Assessment Report (BAR) for your perusal and comment, if applicable. All appendices and the original specialist reports are included on the CD.

**Please note:** Comments must reach EnviroAfrica in writing, on or before: **20 July 2017** to enable finalisation of the BAR and submission to the Department of Environmental Affairs (DEA) for an environmental authorisation decision.

Should you need any additional information, please contact Vivienne Thomson or Bernard de Witt on any of the contact details below.

Yours sincerely

Vivienne Thomson  
EnviroAfrica cc

Vfarmer  
14/06/2017  
COPY OF ORIGINAL



June 2017

Dear Sir/Madam

re.: **Post-application BAR for the proposed KEIMOOES SOLAR PV FACILITY**  
(DEA Reference Number: 14/12/16/3/3/1/1754)

EnviroAfrica cc has been appointed by Keren Energy Holdings, to conduct the environmental impact assessment (EIA) process for the above proposed development on leased area of the Keimoes Municipal Commonage in the Kai!Garib Local Municipality.

As part of the EIA process, EnviroAfrica is undertaking a second round of full public participation with the post-application Basic Assessment Report (BAR) since it contains specialist reports and environmental management programme information which was not in the draft BAR circulated for comments in March this year.

To this end, we request that the hardcopy of the post-application BAR accompanying this letter i.e. Keimoes Solar PV Facility BAR Part 1 of 2 and Part 2 of 2, be put on display for public viewing and scrutiny within the local Keimoes Municipal Offices. We further request that the information poster be displayed publicly in your offices until the 20<sup>th</sup> July 2017 when the current public participation phase, closes.

To confirm that the reports and information poster have indeed been received by the Municipality and made available to the public, please sign and stamp the response section below before returning the slip to EnviroAfrica lip below:

.....  
REPLY SLIP:

I Vivian Farmer hereby agree to placing the hardcopy Keimoes Solar PV Facility BAR (Part 1 of 2 and Part 2 of 2), in an area where it may be freely accessed and viewed by the public from the 19<sup>th</sup> June 2017 to the 20 July 2017.

V Farmer  
Signature

14/05/2017  
Date

Stamp(if available):

Thank you.

**WAYBILL** COPY TAX INVOICE/POD



R 0 6 6 5 5 2 - 1

TO:  
**At: Mahlatse Shibane**  
 DEPARTMENT OF ENVIRONMENT  
 ENVIRONMENT HOUSE  
 473 STEVE BIKO  
 PRETORIA  
 0861112468



Co Reg No.  
20060339307

VAT Reg No.  
4760286285

LABOR

NO	DATE	TIME
701021	06/03/2017	18:37

CITY	DESCRIPTION OF CONTENTS AND PACKAGING	L	B	H	CM	MASS Kg	TOTAL MASS KG
2	Box goods CONFIRM PAYMENT ARCADIA	32	22	36		12	12
							AMOUNT
							383.33

*Amount*

NOTE: The above consignments are NOT INSURED. Carriers maximum liability R3 000  
 All goods are carried in terms of the carrier's STANDARD TRADING CONDITIONS (see reverse hereof)

FROM:

ENVIRO -LOG RENEWABLE  
 29 ST JAMES STR  
 SOMERSET WEST  
 021 851 1616

<b>C.O.D.</b>	FUEL SURCHARGE	60.88
	DELCOOL SURCHARGE	0.00
	C.O.D. CHARGE	.
	PACKAGING-ADDITIONAL SURCHARGE	0.00
	VAT	62.19

CASH	CHEQUE	TOTAL	506.40
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We hereby acknowledge that I/we have read and understood the terms and conditions on the reverse hereof and accept that all goods are carried subject to the normal terms and conditions of carriage and which I/we acknowledge myself/ourselves to be fully associated.

**TERMS OF PAYMENT**

(CPP999)  
 CASH PREPAID

Cell Reg 8013029  
 ICE OF  
 STANDARD CONDITIONS OF CONTRACT  
 T/S/SOLAR D BARS

COLLECTION NOTE NUMBER:	J055136 Bay No. 13	RECEIVED IN GOOD ORDER	DATE:
		<i>C. Coedudu</i>	<i>09/03/17</i>

RATE	SERVICES	DRIVER	DRIVER	CLERK (S)	CLERK (S)	PRINT NAME	TIME
BL	D/D	35		245	NN	<i>T. Sabelo</i>	10:17

THIS WAYBILL ONLY BECOMES A TAX INVOICE FOR NON ACCOUNT HOLDERS.

**ENVIRONMENTAL IMPACT ASSESSMENT PUBLIC PARTICIPATION PROCESS**  
**REAPPLICATION: PROPOSED KEIMOES SOLAR ENERGY FACILITY**  
**(on leased area of the Keimoes Municipal Commonage in the Kail, Garib Local Municipality)**  
Original Department of Environmental Affairs Reference Number: 12/12/20/2518  
Original National Environmental Authorisation System Reference Number: DEA/EIA/0001498/2012

Notice is hereby given of a public participation process in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998) ("NEMA") and the Environmental Impact Assessment (EIA) Regulations (2014); for the reapplication of a previously granted but now expired environmental authorisation, to undertake the following activities:

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**Project Location and Description**

The proposed development site is located at 28°41'19.41"S, 20°58'52.28"E, on Erf. 666 Keimoes, within the Kail Garib Local Municipality, District Siyanda, Northern Cape Province. The proposed development is an array of 18540 crystalline solar photovoltaic (PV) modules grouped into tables or panels of 20 modules each. It is proposed that the PV tables would form an array covering an area of 20ha, circumscribed with a perimeter fire access road and fence. The PV tables will be raised approximately 500mm above ground level and will have single axis tracking systems allowing the generation of approximately 5MW of alternating current. Proposed associated infrastructure includes a fenced construction staging area, a maintenance shed, six central inverters and three transformers on concrete pads, one to two office buildings on the 20ha site and a switch panel for connection to the power grid, as well as a 22kV powerline connection from the PV array to feed in to Eskom's nearby Oasis substation..

**Description of Alternatives:**

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SKA  
3rd Floor, The Park, Park Road,  
Pinelands  
7405

Att The Director

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SANRAL  
Private Bag X19  
Bellville  
7535

Att Ms C Runkel

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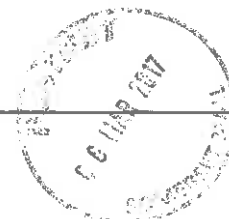
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Department: Transport, Safety and Liaison  
Private Bag X1368, Southey Chambers, Southey Street,  
Kimberley  
8300

Att Ms L Wolfe

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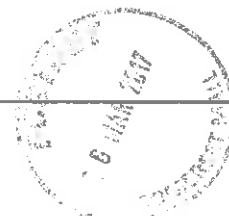
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NC - Economic Development and Tourism  
Private Bag X 6108  
Kimberley  
8300

Att Mrs H Samson

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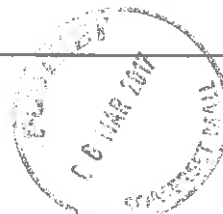
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Northern Cape Economic Development, Trade and Investment Promotion Agency (NCEDA)  
2nd Floor, Templar Court Building,  
Bean Street, Kimberley  
8301

Att TD Dikeni

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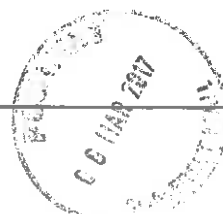
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Dept. of Transport, Roads & Public Works  
PO Box 3132  
Kimberley  
8301

Att Mr K Nogwili

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Department of Social Development  
Private Bag X 5042  
Kimberley  
8300

Att Ms E Botes

**ENVIRONMENTAL IMPACT ASSESSMENT PUBLIC PARTICIPATION PROCESS**  
**REAPPLICATION: PROPOSED KEIMOES SOLAR ENERGY FACILITY**  
**(on leased area of the Keimoes Municipal Commonage in the Kail, Garib Local Municipality)**  
Original Department of Environmental Affairs Reference Number: 12/12/20/2518  
Original National Environmental Authorisation System Reference Number: DEA/EIA/0001498/2012

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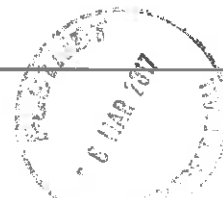
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ESKOM  
PO Box 1091  
JHB  
2001

Att Mr K Leask

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**REAPPLICATION: PROPOSED KEIMOES SOLAR ENERGY FACILITY**  
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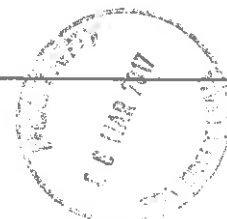
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ESKOM  
120 Henry Street  
Westdene, Bloemfontein  
9301

Att Mr F Retief

**ENVIRONMENTAL IMPACT ASSESSMENT PUBLIC PARTICIPATION PROCESS**  
**REAPPLICATION: PROPOSED KEIMOES SOLAR ENERGY FACILITY**  
**(on leased area of the Keimoes Municipal Commonage in the Kall, Garib Local Municipality)**  
Original Department of Environmental Affairs Reference Number: 12/12/20/2518  
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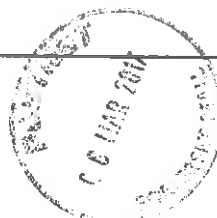
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Department of Co-operative Governance, Human Settlements and Traditional Affairs  
Private Bag X 5005  
Kimberley  
8300

Att Ms G Botha

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**REAPPLICATION: PROPOSED KEIMOES SOLAR ENERGY FACILITY**  
**(on leased area of the Keimoes Municipal Commonage in the Kai! Garib Local Municipality)**  
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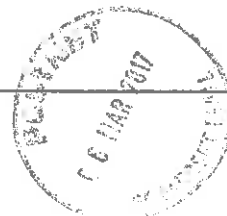
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Dept. of Water affairs -  
28 Central Road, Beaconsfield  
Kimberley  
8300

Att Mr G Steenkamp

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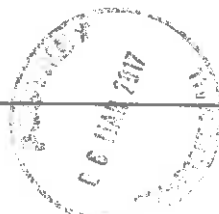
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Dept. of Water affairs - Northern Cape  
Private Bag X 6101  
Kimberley  
8306

Att Ms M Ranwedzi

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Department of Energy  
Private Bag X 6093  
Kimberley  
8300

Att S Mohaphi

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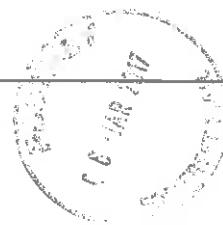
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Due to proximity to the Eskom substation and consent use of land, alternative sites do not exist. However, alternative options which include inter alia alternative technology, layout options and the option of not proceeding with the proposed development at all (the No-Go option) are considered within the Draft Basic Assessment Report (DBAR). The Final BAR will include specialist reports and will undergo a further round of public participation.

**Public Participation:**

Interested and Affected Parties (I&APs) are hereby notified of the availability of the DBAR at the following venues for comment/query. I&APs are invited to register (in writing) and/or provide initial comments, queries, concerns or opportunities relating to the DBAR for this project, on or before 10<sup>th</sup> April 2017.

**To register as an I&AP or for more information contact EnviroAfrica at:** EnviroAfrica (Solar PV - Kakamas); P.O. Box 5367, HELDERBERG, 7135, Fax: 086 512 0154, Tel.: 021 8511616, E-mail: [admin@enviroafrica.co.za](mailto:admin@enviroafrica.co.za), Please note that future correspondence will only be sent to registered I&APs. You are also requested to pass this information to any person you feel should be notified.





Department of Agriculture, Forestry and Fisheries  
Private Bag X 120  
Pretoria  
0001

Att Ms A Collett

**ENVIRONMENTAL IMPACT ASSESSMENT PUBLIC PARTICIPATION PROCESS**  
**REAPPLICATION: PROPOSED KEIMOES SOLAR ENERGY FACILITY**  
**(on leased area of the Keimoes Municipal Commonage in the Kail. Garib Local Municipality)**  
Original Department of Environmental Affairs Reference Number: 12/12/20/2518  
Original National Environmental Authorisation System Reference Number: DEA/EIA/0001498/2012

Notice is hereby given of a public participation process in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998) ("NEMA") and the Environmental Impact Assessment (EIA) Regulations (2014); for the reapplication of a previously granted but now expired environmental authorisation, to undertake the following activities:

Relevant notice(s):	Activity No (s)	Description
EIA Regulations Listing Notice 1 of 2014 (GN. R. 983)	1	ii. The development of facilities or infrastructure for the generation of electricity from a renewable resource where the output is 10 megawatts (MW) or less but the total extent of the facility covers an area in excess of 1 hectare (ha)
	12	xii. The development of infrastructure or structures with a physical footprint of 100m <sup>2</sup> or more.
	32	The continuation of any development where the environmental authorisation (EA) has lapsed and where the continuation of the development, after the date the EA has lapsed will meet the threshold of any activity or activities listed in Listing Notice 1, 2, 3 or 4 of 2014
EIA Regulations Listing Notice 2 of 2014 (GN. R. 984)	15	The clearance of an area of 20ha or more of indigenous vegetation

EnviroAfrica cc has been appointed by Keren Energy Holdings, to undertake the EIA reapplication process for the proposed project. Environmental authorisation (EA) was originally granted by the Department of Environmental Affairs (DEA) for the above application on the 22nd January 2013 but the EA expired before physical work on the project could commence. Therefore, to continue with the development, reapplication for an EA is required.

**Project Location and Description**

The proposed development site is located at 28°41'19.41"S, 20°58'52.28"E, on Erf. 666 Keimoes, within the Kail Garib Local Municipality, District Siyanda, Northern Cape Province. The proposed development is an array of 18540 crystalline solar photovoltaic (PV) modules grouped into tables or panels of 20 modules each. It is proposed that the PV tables would form an array covering an area of 20ha, circumscribed with a perimeter fire access road and fence. The PV tables will be raised approximately 500mm above ground level and will have single axis tracking systems allowing the generation of approximately 5MW of alternating current. Proposed associated infrastructure includes a fenced construction staging area, a maintenance shed, six central inverters and three transformers on concrete pads, one to two office buildings on the 20ha site and a switch panel for connection to the power grid, as well as a 22kV powerline connection from the PV array to feed in to Eskom's nearby Oasis substation..

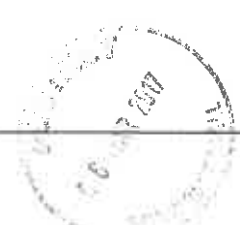
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**Public Participation:**

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Department of Agriculture, Forestry and Fisheries  
PO Box 2782  
Upington  
8800

Att Ms J Mans

**ENVIRONMENTAL IMPACT ASSESSMENT PUBLIC PARTICIPATION PROCESS**  
**REAPPLICATION: PROPOSED KEIMOES SOLAR ENERGY FACILITY**  
**(on leased area of the Keimoes Municipal Commonage in the Kail, Garib Local Municipality)**  
Original Department of Environmental Affairs Reference Number: 12/12/20/2518  
Original National Environmental Authorisation System Reference Number: DEA/EIA/0001498/2012

Notice is hereby given of a public participation process in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998) ("NEMA") and the Environmental Impact Assessment (EIA) Regulations (2014); for the reapplication of a previously granted but now expired environmental authorisation, to undertake the following activities:

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EnviroAfrica cc has been appointed by Keren Energy Holdings, to undertake the EIA reapplication process for the proposed project. Environmental authorisation (EA) was originally granted by the Department of Environmental Affairs (DEA) for the above application on the 22nd January 2013 but the EA expired before physical work on the project could commence. Therefore, to continue with the development, reapplication for an EA is required.

**Project Location and Description**

The proposed development site is located at 28°41'19.41"S, 20°58'52.28"E, on Erf. 666 Keimoes, within the Kail Garib Local Municipality, District Siyanda, Northern Cape Province. The proposed development is an array of 18540 crystalline solar photovoltaic (PV) modules grouped into tables or panels of 20 modules each. It is proposed that the PV tables would form an array covering an area of 20ha, circumscribed with a perimeter fire access road and fence. The PV tables will be raised approximately 500mm above ground level and will have single axis tracking systems allowing the generation of approximately 5MW of alternating current. Proposed associated infrastructure includes a fenced construction staging area, a maintenance shed, six central inverters and three transformers on concrete pads, one to two office buildings on the 20ha site and a switch panel for connection to the power grid, as well as a 22kV powerline connection from the PV array to feed in to Eskom's nearby Oasis substation..

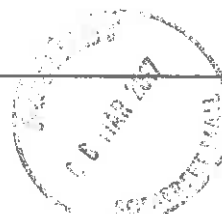
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Interested and Affected Parties (I&APs) are hereby notified of the availability of the DBAR at the following venues for comment/query. I&APs are invited to register (in writing) and/or provide initial comments, queries, concerns or opportunities relating to the DBAR for this project, on or before 10<sup>th</sup> April 2017.

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Dept. Environmental and Nature Conservation NC  
Private Bag X6010  
Kimberley  
8306

Att Ms G Botha

**ENVIRONMENTAL IMPACT ASSESSMENT PUBLIC PARTICIPATION PROCESS**  
**REAPPLICATION: PROPOSED KEIMOES SOLAR ENERGY FACILITY**  
**(on leased area of the Kelmoes Municipal Commonage in the Kai! Garib Local Municipality)**  
Original Department of Environmental Affairs Reference Number: 12/12/20/2518  
Original National Environmental Authorisation System Reference Number: DEA/EIA/0001498/2012

Notice is hereby given of a public participation process in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998) ("NEMA") and the Environmental Impact Assessment (EIA) Regulations (2014); for the reapplication of a previously granted but now expired environmental authorisation, to undertake the following activities:

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The proposed development site is located at 28°41'19.41"S, 20°58'52.28"E, on Erf. 666 Keimoes, within the Kai! Garib Local Municipality, District Siyanda, Northern Cape Province. The proposed development is an array of 18540 crystalline solar photovoltaic (PV) modules grouped into tables or panels of 20 modules each. It is proposed that the PV tables would form an array covering an area of 20ha, circumscribed with a perimeter fire access road and fence. The PV tables will be raised approximately 500mm above ground level and will have single axis tracking systems allowing the generation of approximately 5MW of alternating current. Proposed associated infrastructure includes a fenced construction staging area, a maintenance shed, six central inverters and three transformers on concrete pads, one to two office buildings on the 20ha site and a switch panel for connection to the power grid, as well as a 22kV powerline connection from the PV array to feed in to Eskom's nearby Oasis substation..

**Description of Alternatives:**

Due to proximity to the Eskom substation and consent use of land, alternative sites do not exist. However, alternative options which include inter alia alternative technology, layout options and the option of not proceeding with the proposed development at all (the No-Go option) are considered within the Draft Basic Assessment Report (DBAR). The Final BAR will include specialist reports and will undergo a further round of public participation.

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SANRAL  
Private Bag X19  
Bellville  
7535

Att Ms C Runkel

**ENVIRONMENTAL IMPACT ASSESSMENT PUBLIC PARTICIPATION PROCESS**  
**REAPPLICATION: PROPOSED KEIMOES SOLAR ENERGY FACILITY**  
**(on leased area of the Keimoes Municipal Commonage in the Kail! Garib Local Municipality)**  
Original Department of Environmental Affairs Reference Number: 12/12/20/2518  
Original National Environmental Authorisation System Reference Number: DEA/EIA/0001498/2012

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Dept. Agriculture, Land Reform and Rural Development  
162 George Street,  
Kimberley  
8306

Att Mr W Mothibi

**ENVIRONMENTAL IMPACT ASSESSMENT PUBLIC PARTICIPATION PROCESS**  
**REAPPLICATION: PROPOSED KEIMOES SOLAR ENERGY FACILITY**  
**(on leased area of the Keimoes Municipal Commonage in the Kall, Garib Local Municipality)**  
Original Department of Environmental Affairs Reference Number: 12/12/20/2518  
Original National Environmental Authorisation System Reference Number: DEA/EIA/0001498/2012

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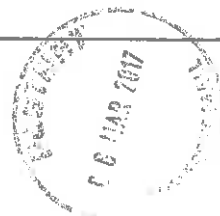
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RECEIPT COPY FOR SIGNATURE/STAMP:

12 June 2017

Dear Sir/Madam

re.: **Post-application BAR for the proposed KEIMoes SOLAR PV FACILITY**  
(DEA Reference Number: 14/12/16/3/3/1/1754)

EnviroAfrica cc has been appointed by Keren Energy Holdings, to conduct the environmental impact assessment process for the above proposed development on leased area of the Keimoes Municipal Commonage in the Kai!Garib Local Municipality.

As a registered interested and affected party, please find herewith, a cd containing the post-application Basic Assessment Report (BAR) for your perusal and comment, if applicable. All appendices and the original specialist reports are included on the CD.

**Please note:** Comments must reach EnviroAfrica in writing, on or before: **20 July 2017** to enable finalisation of the BAR and submission to the Department of Environmental Affairs (DEA) for an environmental authorisation decision.

Should you need any additional information, please contact Vivienne Thomson or Bernard de Witt on any of the contact details below.

Yours sincerely

Vivienne Thomson  
EnviroAfrica cc

Vfaimer 14/06/2017  
COPY OF ORIGINAL

June 2017

Dear Sir/Madam

re.: **Post-application BAR for the proposed KEIMOES SOLAR PV FACILITY**  
(DEA Reference Number: 14/12/16/3/3/1/1754)

EnviroAfrica cc has been appointed by Keren Energy Holdings, to conduct the environmental impact assessment (EIA) process for the above proposed development on leased area of the Keimoes Municipal Commonage in the Kai!Garib Local Municipality.

As part of the EIA process, EnviroAfrica is undertaking a second round of full public participation with the post-application Basic Assessment Report (BAR) since it contains specialist reports and environmental management programme information which was not in the draft BAR circulated for comments in March this year.

To this end, we request that the hardcopy of the post-application BAR accompanying this letter i.e. Keimoes Solar PV Facility BAR Part 1 of 2 and Part 2 of 2, be put on display for public viewing and scrutiny within the local Keimoes Municipal Offices. We further request that the information poster be displayed publicly in your offices until the 20<sup>th</sup> July 2017 when the current public participation phase, closes.

To confirm that the reports and information poster have indeed been received by the Municipality and made available to the public, please sign and stamp the response section below before returning the slip to EnviroAfrica lip below:

.....  
REPLY SLIP:

I Vivian Faime hereby agree to placing the hardcopy Keimoes Solar PV Facility BAR (Part 1 of 2 and Part 2 of 2), in an area where it may be freely accessed and viewed by the public from the 19<sup>th</sup> June 2017 to the 20 July 2017.

V Faime  
Signature

14/05/2017  
Date

Stamp(if available):

Thank you.

**Appendix E-5: I&AP Lists**





**UPDATED POST APPLICATION BAR I&AP LIST**

I&AP List for		Keimoes Solar PV Facility								
DEA Ref:		14/12/16/3/3/1754 (New Application Number)								
First public participation period ended 10 April 2017 (Newspaper advert placed: 2 March 2017)										
Second public participation period ended 20 July 2017 (Newspaper advert placed: 14 June 2017)										
No.	Title	Initial/Name	Surname	Affiliation	Postal Address	Town/City	Code	Telephone	Fac	E-mail
1.	Applicant		Jesse v Rensburg	Karen Energy Keimoes (Pty) Ltd	PO Box 75 Somerset West	Somerset West	7137	062 631 7496	021 853 0569	<a href="mailto:wevere@kenergenery.com">wevere@kenergenery.com</a>
2.	Property/Land Owners		Latepaan	Municipal Manager, KaiGarib Municipality	Private Bag x6	Kakamas	8870	054 461 6400	054 461 6401	<a href="mailto:admin@kaiGarib.gov.za">admin@kaiGarib.gov.za</a>
3.	Municipality		Latepaan	Municipal Manager, KaiGarib Municipality	Private Bag x6	Kakamas	8870	054 461 6400	054 461 6401	<a href="mailto:admin@kaiGarib.gov.za">admin@kaiGarib.gov.za</a>
3.1	Mr. JG		Latepaan	Municipal Manager, KaiGarib Municipality	Private Bag x6	Kakamas	8870	054 461 6400	054 461 6401	<a href="mailto:admin@kaiGarib.gov.za">admin@kaiGarib.gov.za</a>
3.2	Mr. JJ		Chyn	Municipal Manager, KaiGarib Municipality	Private Bag x6	Kakamas	8870	054 461 6400	054 461 6401	<a href="mailto:admin@kaiGarib.gov.za">admin@kaiGarib.gov.za</a>
3.3	Th. Ellis		Ntoba	ZP Mgaawa District Municipality	Private Bag x6899	Upington	8800	054 537 2800	054 537 2888	<a href="mailto:info@zpm.gov.za">info@zpm.gov.za</a>
4.	Municipal Ward Councilors		Mackay	KaiGarib Municipality	Private Bag x6	Kakamas	8869	054 461 6700	054 461 6401	<a href="mailto:admin@kaiGarib.gov.za">admin@kaiGarib.gov.za</a>
4.1	Mr. J		Rason	KaiGarib Municipality	Private Bag x6	Kakamas	8870	054 461 6700	054 461 6401	<a href="mailto:admin@kaiGarib.gov.za">admin@kaiGarib.gov.za</a>
4.2	Ms. M		Finnes	KaiGarib Municipality	Private Bag x6	Kakamas	8870	054 461 6700	054 461 6401	<a href="mailto:admin@kaiGarib.gov.za">admin@kaiGarib.gov.za</a>
4.3	Ms. D		Boles	Act. Head of Dept. - Dept. Environmental and Nature Conservation NC	Private Bag x6810	Kimberley	8306	053 807 7500	053 807 7528	<a href="mailto:bboles@gmail.com">bboles@gmail.com</a>
5.	State Organisations		Makhtit	Dept. of Water and Sanitation - NC	162 George Street	Kimberley	8300	053 938 9100	053 832 4528	
5.1	Ms. Mashudu		Ranwedzi	Dept. of Water and Sanitation - NC	Private Bag x6101	Kimberley	8300	053 938 9100	053 831 4534	
5.2	Mr. Stenelamp		Retief	Department of Water and Sanitation	28 Central Road, Beaconsfield	Kimberley	8300	(053) 836 7600 ext. 053 842 3258		
5.3	Mr. Francois		Lesak	Ekom North West Region	120 Henry Street, Wetdene	Kimberley	9301	051 404 2501		
5.4	Mr. Kevlin		Mobaphi	Ekom	P. O. Box 1091	Johannesburg	2001	072-884-9209		
5.5	Mr. Setabalo		Botha	Department of Energy	Private Bag x6988	Kimberley	8300	053 854 4000	086 562 7065	
5.6	Ms. G		Stroh	Co-operative Governance, Human Settlements and South African Civilian Aviation Authority	Private Bag x3005	Kimberley	8300	053 950 9422	053 831 4308	
5.7	Ms. Lizell		Boles	Social Development	Private Bag x73	Halfway House	1685	011 545 1232	011 545 1451	<a href="mailto:stroh@caa.co.za">stroh@caa.co.za</a>
5.8	Ms. E		Ngovili	Dept. of Transport, Roads & Public Works	Private Bag x5942	Kimberley	8300	053 874 9100	053 871 1062	
5.9	Mr. Kevlin		Dikeni	Northern Cape Economic Development, Trade and Investment Promotion Agency (NCEDA)	PO Box 3132	Kimberley	8301	053 859 2100	053 859 2291	
5.10	Mrs. H		Samson	NC - Economic Development and Tourism	2nd Floor, Tomphar Court Building,	Kimberley	8301	053 888 1503	053 833 1390	
5.11	Mrs. Annelize		Collet	Department of Agriculture, Forestry and Fisheries	Private Bag x6108	Kimberley	8300	053 839 4000	053 832 6805	
5.12	Mr. J		Mans	Dept. of Agriculture, Forestry and Fisheries	Private Bag x120	Pretoria	0001	012 329 5968	012 329 5968	<a href="mailto:AnnelizeC@nda.agric.za">AnnelizeC@nda.agric.za</a>
5.13	Ms. Colene		Rumbel	SANRAL	P.O. Box 2782	Upington	8800	054 3340090	054 3340090	<a href="mailto:jacolineMa@daff.gov.za">jacolineMa@daff.gov.za</a>
5.14	Mr. Wolfe		Marrubini	Department: Transport, Safety and Liaison	P/Bag X 19 Private Bag X1368, Southey Chambers, Southey Street,	Kimberley	8300	053 839 1700	053 839 1773	
5.15	Ms. Mashudu		Bothekezi	Dept. Agriculture, Forestry and Fisheries (Attention: Delegate of the Minister, Act 70 of 1970)	Private Bag X120	Pretoria	0001	012 319 7619		<a href="mailto:MashuduMa@daff.gov.za">MashuduMa@daff.gov.za</a>
5.16	Mr. John		Cseringh	Dept. Agriculture, Forestry and Fisheries, Agri and Liaison Office (Attention: Delegate of the Minister Act 70 of 1970)	Dalpen Building, Cnr. Annie Botha & Union Street, Office 270	Pretoria	0001	012 319 7634		<a href="mailto:JohnBo@daff.gov.za">JohnBo@daff.gov.za</a>
5.17	Mr. John		Director	Ekom Transmission, Megawatt Park	Megawatt D138 or P.O. Box 1091 3rd Floor, The Park, Park Road,	Johannesburg	2000	011 516 7253	086 461 4064	<a href="mailto:john.geertingh@eskom.co.za">john.geertingh@eskom.co.za</a>
5.18	Mr. Peter		Kullman	SKA Africa	P. O. Box 767	Pretoria	8860	054 461 0025 / 083 285 6744	021 506 7975	<a href="mailto:info@redsun.co.za">info@redsun.co.za</a>
6.	Neighbours (maildrops parked and delivered)		Struus	Red Sun Rainins	P. O. Box 767	Keimoes	8860			
6.1	Ms. Anna		Miles	Prefer email correspondence				054 351 3482	086 271 3500	<a href="mailto:astraus@rolshlad.com">astraus@rolshlad.com</a>
6.2	Ms. Melanie		Sacco	Prefer email correspondence				086 082 6337	053 543 5882	<a href="mailto:melaniet@12b.co.za">melaniet@12b.co.za</a>
6.3	Mr. Victor			P. O. Box 523	Keimoes	8860		461 0246	054 461 0346	<a href="mailto:diocese@telkomsa.net">diocese@telkomsa.net</a>

# EnviroAfrica

## INVITATION TO COMMENT ON FBAR

Environmental Planning and Impact Assessment Consultants  
Omgewingsbeplanning en Impakbeoordelende Konsultante

I&AP List for:  
Advert Placed:

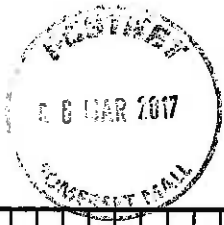
Keimoes

DEADP Ref: 12/12/20/2519

Date:

DEAT/EIA0000599/2011

No.	Title	Initials/Name	Surname	Affiliation	Postal Address	Town/City	Code	Telephone	Fax	E-mail
<b>1. Applicant</b>										
1.1	Mr	RR	Janse v Rensburg	Roma Energy Keimoes (Pty) Ltd	PO Box 73	Somerset West	7137	021 853 0269	021 853 0269	tusker@absamail.co.za
<b>2. Property / Land Owners</b>										
2.1	Mr		Lategaan	KALGARIB Municipality	Private Bag x6	Kakamas	8870	054 431 6300	054 431 6301	admin@kaigarib.co.za
<b>3. Occupiers</b>										
3.1	Mr	n/a		n/a	n/a	n/a				n/a
<b>4. Municipality</b>										
4.1	Mr		Jategaan	KALGARIB Municipality	Private Bag x6	Kakamas	8870	054 431 6300	054 431 6301	admin@kaigarib.co.za
4.2	The	Municipal	Manager	Siyanda District Municipality	Private Bag x6039	Uppington	8800	054 337 2800	054 337 2888	
<b>5. Municipal Ward Councillor</b>										
5.1	Mr	M	Papier	Mayoral Executive	Private Bag x 6039	Uppington	8800	054 337 2800	054 337 2888	hub@bodr.gov.za
	Ms	M	Basson	KALGARIB Municipality	Private Bag x6	Kakamas	8870	054 431 6300	054 431 6301	admin@kaigarib.co.za
	Ms	D	Fiennes	KALGARIB Municipality	Private Bag x6	Kakamas	8870	054 431 6300	054 431 6301	admin@kaigarib.co.za
<b>6. Ratepayers's association</b>										
6.1	Mr									
<b>7. State Organisations:</b>										
7.1	Ms	G	Botha	Dept. Environmental and Nature Conservation	Private Bag X6010	Kimberley	8306	053 807 7300		
7.2	Mr	W	Mothibi	Agriculture, Land Reform and Rural Development	162 George Street	Kimberley	8300	053 838 9100	053 832 4328	
7.3	Mr	Mashudu	Ranwedzi	Dept. of Water Affairs - Northern Cape	Private Bag x6101	Kimberley	8300		053 831 4534	
7.4	Mr	Glen	Stenekamp	Department of Water Affairs	28 Central Road	Beaconsfield, Kimberley	8300	(053) 836 7600 ext	053 842 3258	
7.5	Mr	Francois	Retief	Eskom North West Region	120 Henry Str	Westdene Bloemf	9901	051 404 2501		
7.6	Mr	Kevin	Leask	Eskom	Po Box 1091	JHB	2001	072-888-9209		
7.7	Mr	Sebatso	Mohapthi	Department of Energy	Private Bag x6093	Kimberley	8300	053 836 4000	086 562 7065	
	Ms	G	Botha	Co-operative Governance, Human Settlements and Traditional Affairs	Private Bag X5005	Kimberley	8300	053 830 9422	053 831 4308	
7.9	Ms	Lizell	Stroh	South African Civilian Aviation Authority	Private Bag x73	Halfway House	1685	011 545 1232	011 545 1451	stfrohli@caa.co.za
7.10	Ms	E	Botes	Social Development	Private Bag X5042	Kimberley	8300	053 874 9100	053 871 1062	
7.11	Mr	Kevin	Nogwili	Dept. of Transport, Roads & Public Works	PO Box 3132	Kimberley	8301	053 839 2100	053 839 2291	
7.12	Ms	Thobela Dikeni	Dikeni	Northern Cape Economic Development, Trade and Investment Promotion Assoc. (NCEPIA)	2nd Floor, Tempair Court Building	Beau Street, Kimberley	8301	053 833 1503	053 833 1390	
	Mrs	H	Sanson	NC - Economic Development and Tourism	Private Bag x6108	Kimberley	8300	053 839 4000	053 832 6805	
	Ms	Annaliza	Collett	Department of Agriculture, Forestry and Fisheries	Private bag x120	Pretoria	0001	012 3197508	012 329 5938	AnnalizaC@nda.agric.za
7.15	Mr	J	Mans	Dept. of Agriculture, Forestry and Fisheries	PO Box 2782	Uppington	8800	054 338596	054 3340030	jacolineMa@daff.gov.za



7.16	Colene	Runkel	SANRAL	P/Bag X 19	Bellville	7535			
7.17	Mr Lizell	Wolfe	Department: Transport, Safety and Liaison	Private Bag X1368, Southey Chambers, Southey Street	Kimberley	8300	053 839 1700	053 839 1773	
7.18	The	Directorate	DEA	Private bag x 447	Pretoria	0001	012 310 3911		
8. Neighbours									
8.1	The Director		SKA Africa	3rd Floor, The Park, Park Rd	Phelands		021 506 7300	021 506 7375	
9. Other									
Ms	Anna	Strauss	Kalahari Bulletin				054 331 3482	086 271 3300	astrauss@volksblad.com



**Appendix E-6: Correspondence and Minutes of Meetings**

Our Ref:



an agency of the  
Department of Arts and Culture

T: +27 21 462 4502 | F: +27 21 462 4509 | E: [info@sahra.org.za](mailto:info@sahra.org.za)  
South African Heritage Resources Agency | 111 Harrington Street | Cape Town  
P.O. Box 4637 | Cape town | 8001  
[www.sahra.org.za](http://www.sahra.org.za)

Enquiries: Natasha Higgitt  
Tel: 021 462 4502  
Email: [nhiggitt@sahra.org.za](mailto:nhiggitt@sahra.org.za)  
CaseID: 11226

Date: Monday July 24, 2017  
Page No: 1

## Final Comment

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

Attention: Enviroafrica CC

PO Box 5367  
Heilderberg  
7135

**Project Location and Description** The proposed development site is located at 28°41'19.41"S, 20°58'52.28"E, on Erf. 666 Keimoes, within the Kail! Garib Local Municipality, District Siyanda, Northern Cape Province. The proposed development is an array of 18540 crystalline solar photovoltaic (PV) modules grouped into tables or panels of 20 modules each. It is proposed that the PV tables would form an array covering an area of 20ha, circumscribed with a perimeter fire access road and fence. The PV tables will be raised approximately 500mm above ground level and will have single axis tracking systems allowing the generation of approximately 5MW of alternating current. Proposed associated infrastructure includes a fenced construction staging area, a maintenance shed, six central inverters and three transformers on concrete pads, one to two office buildings on the 20ha site and a switch panel for connection to the power grid, as well as a 22kV powerline connection from the PV array to feed in to Eskom's nearby Oasis substation.

Enviro Africa has been appointed by Keren Energy Keimoes (Pty) Ltd to conduct a Basic Assessment Process in support of an Environmental Authorisation (EA) Application for the Proposed Solar PV Plant on Erf. 666, Keimoes, Kail! Garib Local Municipality, Northern Cape Province. A Basic Assessment Report (BAR) has been completed in term of the National Environmental Management Act, 1998 (NEMA) and the NEMA 2017 Environmental Impact Assessment (EIA) Regulations. The proposed development will comprise the construction of 20 ha of solar photovoltaic modules grouped into tables or panels. Associated infrastructure will include fenced construction staging area, a maintenance shed, six central inverters and three transformers on concrete pads, one to two office buildings, a switch panel for connection to the power grid, and a 22kV powerline connection to the Oasis Substation.

The Agency for Cultural Resources Management has been appointed to conduct the Archaeological Impact Assessment (AIA) and Natura Viva CC has been appointed to conduct the Palaeontological Component.

*Kaplan, J. 2017. Archaeological Impact Assessment, Keren Energy Keimoes Solar Energy Farm on Erf 666 Keimoes, Northern Cape Province.*



an agency of the  
Department of Arts and Culture

T: +27 21 462 4502 | F: +27 21 462 4509 | E: [info@sahra.org.za](mailto:info@sahra.org.za)  
South African Heritage Resources Agency | 111 Harrington Street | Cape Town  
P.O. Box 4637 | Cape Town | 8001  
[www.sahra.org.za](http://www.sahra.org.za)

An assessment of the project area was conducted in 2012 where more than 100 isolated, mostly Later Stone Age (LSA) stone artefacts were identified. Some of the artefacts were found to be Middle Stone Age (MSA) and an Early Stone Age (ESA) biface and handaxe were identified. The heritage resources were graded as having a low (Grade 3C) significance rating.

The project area was resurveyed in 2017, and 51 occurrences of stone age artefacts were identified. All of these occurrences were graded as having low (Grade 3C) significance rating. As the solar panels will be mounted on small footings and the excavations for the footings will be 1.5 m in diameter, the ground disturbance will be limited.

Recommendations provided in the 2012 report were re-emphasised in the 2017 report:

- No mitigation is required;
- Should any unmarked human burial/remains or ostrich eggshell water flask caches are uncovered, or exposed during construction activities, these must immediately be reported to the contracted archaeologist or SAHRA.

*Almond, J. E. 2017. Recommendation Exemption from Further Palaeontological Studies and Mitigation: Proposed Keren Energy Keimoes Solar Plant on Erf 666, Keimoes, Kai Garib Municipality, Northern Cape.*

The proposed development area is underlain by Precambrian basement rocks of the Namaqua-Natal Province which are entirely unfossiliferous. These rocks are overlain by Late Caenozoic sandy soils, surface gravels and possible calcretes of low palaeontological sensitivity. The impact of the development is considered to be low.

Recommendations provided in the report include the following:

- It is therefore recommended that, pending the exposure of significant new fossils during development, exemption from further specialist palaeontological studies and mitigation be granted for this solar development;
- During the construction phase, all major clearance operations and deeper (>1 m) excavation should be monitored for fossil remains on an on-going basis by the Environmental Control Officer (ECO); and
- Should any substantial fossil remains (e.g. vertebrate bones and teeth, shells, petrified wood, calcretised burrows) be encountered during excavation, these should be reported to SAHRA for possible mitigation by a professional palaeontologist;
- These mitigation recommendations should be incorporated into the Environmental Management

**Our Ref:**



an agency of the  
Department of Arts and Culture

T: +27 21 462 4502 | F: +27 21 462 4509 | E: [info@sahra.org.za](mailto:info@sahra.org.za)  
South African Heritage Resources Agency | 111 Harrington Street | Cape Town  
P.O. Box 4637 | Cape Town | 8001  
[www.sahra.org.za](http://www.sahra.org.za)

Enquiries: Natasha Higgitt  
Tel: 021 462 4502  
Email: [nhiggitt@sahra.org.za](mailto:nhiggitt@sahra.org.za)  
CaseID: 11226

Date: Monday July 24, 2017  
Page No: 3

Programme (EMPr) for the solar project.

### **Final Comment**

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

- If any evidence of archaeological sites or remains (e.g. remnants of stone-made structures, indigenous ceramics, bones, stone artefacts, ostrich eggshell fragments, charcoal and ash concentrations), fossils or other categories of heritage resources are found during the proposed development, SAHRA APM Unit (Natasha Higgitt/John Gribble 021 462 5402) must be alerted. If unmarked human burials are uncovered, the SAHRA Burial Grounds and Graves (BGG) Unit (Mimi Seetelo 012 320 8490), must be alerted immediately. A professional archaeologist or palaeontologist, depending on the nature of the finds, must be contracted as soon as possible to inspect the findings. If the newly discovered heritage resources prove to be of archaeological or palaeontological significance, a Phase 2 rescue operation may be required subject to permits issued by SAHRA; and
- If the development receives an Environmental Authorisation (EA), SAHRA must be informed and all documents pertaining to the EA must be uploaded to the SAHRIS Case file.

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

Yours faithfully

---

Natasha Higgitt  
Heritage Officer  
South African Heritage Resources Agency

Our Ref:



an agency of the  
Department of Arts and Culture

T: +27 21 462 4502 | F: +27 21 462 4509 | E: [info@sahra.org.za](mailto:info@sahra.org.za)  
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Enquiries: Natasha Higgitt  
Tel: 021 462 4502  
Email: [nhiggitt@sahra.org.za](mailto:nhiggitt@sahra.org.za)  
CaseID: 11226

Date: Monday July 24, 2017  
Page No: 4

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John Gribble  
Manager: Maritime and Underwater Cultural Heritage Unit / Acting Manager: Archaeology, Palaeontology and  
Meteorites Unit  
South African Heritage Resources Agency

---

**ADMIN:**  
Direct URL to case: <http://www.sahra.org.za/node/404623>  
(DEA, Ref: )

**Terms & Conditions:**

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



## Vivienne Thomson

---

**From:** EnviroAfrica :Admin <admin@enviroafrica.co.za>  
**Sent:** Friday, 14 July 2017 7:55 AM  
**To:** 'Vivienne Thomson'  
**Subject:** FW: Registration as Interested and Affected Parties KEIMOES SOLAR ENERGY FACILITY

Belinda Waters



**EnviroAfrica**

*Office Manager*

**EnviroAfrica cc**

p: +27 21 851 1616

f: +27 86 512 0154

a: Unit 7, Pastorie Park, Reitz St, Somerset West, 7130  
P.O. Box 5367, Helderberg, 7135

w: [www.enviroafrica.co.za](http://www.enviroafrica.co.za) e: [admin@enviroafrica.co.za](mailto:admin@enviroafrica.co.za)

**From:** Peter Kuilman [mailto:peter@redsun.co.za]  
**Sent:** 13 July 2017 06:52 PM  
**To:** admin@enviroafrica.co.za  
**Subject:** Registration as Interested and Affected Parties KEIMOES SOLAR ENERGY FACILITY



Redsun Dried Fruit & Nuts (Pty) Ltd

Keimoes-Gangas-N14, 2km, Keimoes, Northern Cape, South Africa

PO Box 707, Keimoes, 6800, South Africa

Tel: +27 (0)24 337 0000

Email: [info@redsun.co.za](mailto:info@redsun.co.za) © [www.redsun.co.za](http://www.redsun.co.za)



Dear Sirs

We hereby register as I&AP to the Keimoes Solar Energy Facility.

Redsun Dried Fruit and Nuts (Pty) Ltd owns the adjacent land known as Erf 1289 Keimoes.

Please list our preferred communication as

[info@redsun.co.za](mailto:info@redsun.co.za)

att Mr Peter Kuilman

kind regards  
peter Kuilman

## Vivienne Thomson

---

**From:** Lizelle Stroh <Strohl@caa.co.za>  
**Sent:** Monday, 26 June 2017 12:51 PM  
**To:** vivienne@enviroafrica.co.za  
**Subject:** FW: KEIMOES SOLAR PV FACILITY (DEA Reference Number: 14/12/16/3/3/1/1754)  
**Attachments:** Keimoes SACAA 2012 approval.pdf; SACAA Sustainable Energy Developments.pdf

**Importance:** High

Thanks Noted.

### Lizell Stroh

Obstacle Inspector

PANS-OPS (Procedures for Air Navigation Services-Aircraft Operations)

Air Navigation Services

Tel: 011 545 1232 | Fax: 011 545 1451 | Email: [strohl@caa.co.za](mailto:strohl@caa.co.za) | [www.caa.co.za](http://www.caa.co.za)

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**From:** Bhuttie Keagile  
**Sent:** 22 June 2017 01:57 PM  
**To:** Lizelle Stroh  
**Subject:** FW: KEIMOES SOLAR PV FACILITY (DEA Reference Number: 14/12/16/3/3/1/1754)  
**Importance:** High

Lizelle,  
Kindly assist with the query below.  
Rgds,



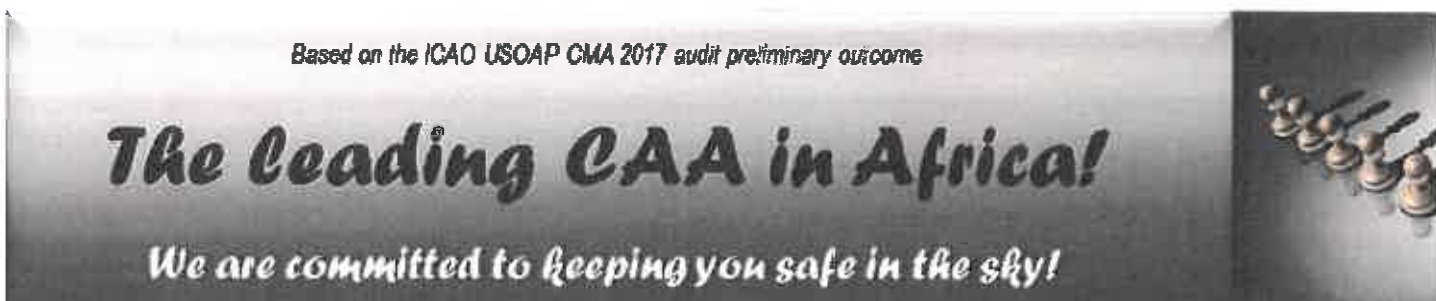
### Bhuttie Keagile

Manager: CNS

Air Navigation Services: Part 171

Tel: 011 545 1089 | Fax: 011 545 0000 | Cell: 083 451 2602 | Email: [keagileb@caa.co.za](mailto:keagileb@caa.co.za)  
[www.caa.co.za](http://www.caa.co.za)

Follow us on    



**From:** Thomas Matabane  
**Sent:** 22 June 2017 13:33 PM  
**To:** Bhuttie Keagile  
**Subject:** FW: KEIMOES SOLAR PV FACILITY (DEA Reference Number: 14/12/16/3/3/1/1754)  
**Importance:** High

Dear Mr Keagile

Kindly assist on below email.

Regards  
Thomas Matabane

**From:** Vivienne Thomson [mailto:vivienne@enviroafrica.co.za]  
**Sent:** 22 June 2017 10:33 AM  
**To:** Thomas Matabane  
**Subject:** FW: KEIMOES SOLAR PV FACILITY (DEA Reference Number: 14/12/16/3/3/1/1754)  
**Importance:** High

Dear Mr. Matabane

Thank you for our telephonic conversation this morning and your willingness to be of assistance.

The emails below refer – as mentioned, yesterday I went onto the SACAA website as per Ms. Stroh's email and sent an email to Mr. Pretorius as mentioned in the CAA document on Sustainable Energy Developments (attached to this mail together with the original approval as received from the CAA). This morning I received a message saying his email could not be found.

Any help in this regard would be greatly appreciated.

Thank you,  
Vivienne Thomson  
Telephone: +2721 851 1616  
Email: [vivienne@enviroafrica.co.za](mailto:vivienne@enviroafrica.co.za)



**From:** Vivienne Thomson [mailto:vivienne@enviroafrica.co.za]  
**Sent:** Wednesday, 21 June 2017 5:17 PM  
**To:** 'PretoriusK@caa.co.za' <[PretoriusK@caa.co.za](mailto:PretoriusK@caa.co.za)>  
**Cc:** 'Lizelle Stroh' <[StrohL@caa.co.za](mailto:StrohL@caa.co.za)>  
**Subject:** RE: KEIMOES SOLAR PV FACILITY (DEA Reference Number: 14/12/16/3/3/1/1754)

Dear Sir

The email correspondence below refers. I obtained your details from the Sustainable Energy Developments document on the CAA website.

Please note that the above project has had no changes to the information provided to the SACAA by EnviroAfrica (represented by Jerry Avis) in June 2012. Approval for the project was received from the SACAA in June 2012 as per

## Vivienne Thomson

---

**From:** Vivienne Thomson <vivienne@enviroafrica.co.za>  
**Sent:** Thursday, 22 June 2017 10:33 AM  
**To:** 'MatabaneT@caa.co.za'  
**Subject:** FW: KEIMOES SOLAR PV FACILITY (DEA Reference Number: 14/12/16/3/3/1/1754)  
**Attachments:** Keimoes SACAA 2012 approval.pdf; SACAA Sustainable Energy Developments.pdf

**Importance:** High

Dear Mr. Matabane

Thank you for our telephonic conversation this morning and your willingness to be of assistance.

The emails below refer – as mentioned, yesterday I went onto the SACAA website as per Ms. Stroh's email and sent an email to Mr. Pretorius as mentioned in the CAA document on Sustainable Energy Developments (attached to this mail together with the original approval as received from the CAA). This morning I received a message saying his email could not be found.

Any help in this regard would be greatly appreciated.

Thank you,  
Vivienne Thomson  
Telephone: +2721 851 1616  
Email: vivienne@enviroafrica.co.za



**From:** Vivienne Thomson [mailto:vivienne@enviroafrica.co.za]  
**Sent:** Wednesday, 21 June 2017 5:17 PM  
**To:** 'PretoriusK@caa.co.za' <PretoriusK@caa.co.za>  
**Cc:** 'Lizelle Stroh' <StrohL@caa.co.za>  
**Subject:** RE: KEIMOES SOLAR PV FACILITY (DEA Reference Number: 14/12/16/3/3/1/1754)

Dear Sir

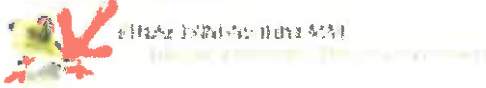
The email correspondence below refers. I obtained your details from the Sustainable Energy Developments document on the CAA website.

Please note that the above project has had no changes to the information provided to the SACAA by EnviroAfrica (represented by Jerry Avis) in June 2012. Approval for the project was received from the SACAA in June 2012 as per the attached document. The only reason for the current application for an environmental authorisation (EA) for the above development is that although an EA was originally granted by the Department of Environmental Affairs (DEA) for the above project in 2012, the EA expired before physical work could commence. Therefore, to continue with the development, a new EA is required.

It is concluded therefore, that the original SACAA approval is still valid as per the last paragraph of the Sustainable Energy Developments document on the CAA website.

Please confirm if the above conclusion is correct.

Thank you,  
Vivienne Thomson  
Telephone: +2721 851 1616  
Email: [vivienne@enviroafrica.co.za](mailto:vivienne@enviroafrica.co.za)



**From:** Lizelle Stroh [<mailto:Strohl@caa.co.za>]  
**Sent:** Tuesday, 20 June 2017 3:48 PM  
**To:** Vivienne Thomson <[vivienne@enviroafrica.co.za](mailto:vivienne@enviroafrica.co.za)>  
**Subject:** RE: KEIMOES SOLAR PV FACILITY (DEA Reference Number: 14/12/16/3/3/1/1754)

Your enquiry regarding approval from the SACAA with regard to PV farms refers. There is a SACAA process whereby permission is applied for wrt obstacles which could pose an aviation hazard. More information can be obtained at <http://www.caa.co.za>. Click on information for industry 'Obstacles' on the LHS. Forms, Part 139-27 and submit on the form itself.

- Kindly provide a .kml (Google Earth) file reflecting the footprint of the proposed development site **including** the proposed overhead electric power line route that will evacuate the generated power to the national grid.
- Also indicate the **highest** structure of the project & the Overhead electric power transmission line.
- Note that there may be other wind farms and PV farms in the area. Unique names are preferable.
- *Please always use the proposed PV farm name in the Subject box when corresponding via email with this office and indicate the name & address which should appear on the CAA approval/decline letter.*
- *There is an assessment fee of R770 per application.*
- *For billing purposes: company name VAT nr. and postal details.*
- *Kindly ensure that all the above data is forwarded. Incomplete data causes unnecessary delays.*

Kind regards

**Lizell Stroh**  
**Obstacle Inspector**  
**PANS-OPS (Procedures for Air Navigation Services-Aircraft Operations)**  
**Air Navigation Services**  
Tel: 011 545 1232 | Fax: 011 545 1451 | Email: [strohl@caa.co.za](mailto:strohl@caa.co.za) | [www.caa.co.za](http://www.caa.co.za)

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Based on the ICAO USOAP CMA 2017 audit preliminary outcome

# The leading CAA in Africa!

We are committed to keeping you safe in the sky!



**From:** Vivienne Thomson [<mailto:vivienne@enviroafrica.co.za>]

**Sent:** 20 June 2017 12:34 AM

**To:** Lizelle Stroh

**Subject:** KEIMOES SOLAR PV FACILITY (DEA Reference Number: 14/12/16/3/3/1/1754)

Dear Sir/Madam

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**Please note:** Comments must reach EnviroAfrica in writing, on or before **20 July 2017** for response and inclusion in the final BAR to be submitted to the DEA.

Thank you,

Vivienne Thomson

Telephone: +2721 851 1616

Email: [vivienne@enviroafrica.co.za](mailto:vivienne@enviroafrica.co.za)



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## Vivienne Thomson

---

**From:** postmaster@caa.co.za  
**Sent:** Wednesday, 21 June 2017 5:23 PM  
**To:** vivienne@enviroafrica.co.za  
**Subject:** Undeliverable: RE: KEIMOES SOLAR PV FACILITY (DEA Reference Number: 14/12/16/3/3/1/1754)  
**Attachments:** details.txt; RE: KEIMOES SOLAR PV FACILITY (DEA Reference Number: 14/12/16/3/3/1/1754) (656 KB)

### Delivery has failed to these recipients or groups:

[pretoriusk@caa.co.za](mailto:pretoriusk@caa.co.za)

The e-mail address you entered couldn't be found. Please check the recipient's e-mail address and try to resend the message. If the problem continues, please contact your helpdesk.

### Diagnostic information for administrators:

Generating server: caa.co.za

pretoriusk@caa.co.za  
#550 5.1.1 RESOLVER.ADR.RecipNotFound; not found ##

### Original message headers:

Received: from za-smtp-1.mimecast.co.za (41.74.193.80) by sacaaexch.caa.co.za (10.1.0.35) with Microsoft SMTP Server id 14.3.352.0; Wed, 21 Jun 2017 17:23:16 +0200  
X-CheckPoint: {594A8711-3-FE00010A-C0000001}  
X-MAIL-CPID: 3BA88566E4C437C0B5FC173616DADE9D  
Received: from outgoing13.jnb.host-h.net (outgoing13.jnb.host-h.net [129.232.144.166]) (Using TLS) by za-smtp-1.mimecast.co.za with ESMTP id za-mta-7-zjRczcXaMkuY7bmZtWFBNQ-1; Wed, 21 Jun 2017 17:17:37 +0200  
Received: from www25.jnb2.host-h.net ([41.203.18.25]) by antispam3-jnbl.host-h.net with esmtpsa (TLSv1.2:AES128-SHA:128) (Exim 4.86) (envelope-from <vivienne@enviroafrica.co.za>) id 1dNhNq-0006WR-00 for PretoriusK@caa.co.za; Wed, 21 Jun 2017 17:17:36 +0200  
Received: from 169-0-145-253.ip.afrihost.co.za ([169.0.145.253] helo=HpLap) by www25.jnb2.host-h.net with esmtpa (Exim 4.80) (envelope-from <vivienne@enviroafrica.co.za>) id 1dNhNY-0005le-Nc; Wed, 21 Jun 2017 17:17:29 +0200  
From: Vivienne Thomson <vivienne@enviroafrica.co.za>  
To: <PretoriusK@caa.co.za>  
CC: 'Lizelle Stroh' <Strohl@caa.co.za>  
References: <00b801d2e94c\$1fa77460\$5ef65d20\$@enviroafrica.co.za>  
<B0EB5C1831E1CC488AD987EEEC3DB525E628CA1C@CAAEXCH.caa.co.za>  
In-Reply-To: <B0EB5C1831E1CC488AD987EEEC3DB525E628CA1C@CAAEXCH.caa.co.za>  
Subject: RE: KEIMOES SOLAR PV FACILITY (DEA Reference Number: 14/12/16/3/3/1/1754)  
Date: Wed, 21 Jun 2017 17:17:10 +0200  
Message-ID: <000a01d2eaa1\$760d67f0\$622837d0\$@enviroafrica.co.za>  
MIME-Version: 1.0  
X-Mailer: Microsoft Outlook 16.0  
Thread-Index: AQFoVLg3PxeXDucyHr8blXHN3KQLPQJENqn8ovJnuQA=

Content-Language: en-za  
X-Authenticated-Sender: vivienne@enviroafrica.co.za  
X-Virus-Scanned: Clear (ClamAV 0.99.2/23494/Wed Jun 21 14:09:05 2017)  
X-Originating-IP: 41.203.18.25  
X-SpamExperts-Domain: enviroafrica.co.za  
X-SpamExperts-Username:  
X-SpamExperts-Outgoing-Class: ham  
X-SpamExperts-Outgoing-Evidence: Combined (0.08)  
X-Recommended-Action: accept  
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Domain=false;Internal User Name=false;Reply-to Address Mismatch=false;Targeted Threat  
Dictionary=false;  
Authentication-Results: mimecast.com;  
spf=none (spfCheck: 129.232.144.166 is neither permitted nor denied by domain  
of enviroafrica.co.za) client-ip=129.232.144.166; envelope-  
from=vivienne@enviroafrica.co.za; helo=outgoing13.jnb.host-h.net  
Content-Type: multipart/mixed;  
boundary="-----\_NextPart\_000\_000B\_01D2EAB2.39A48FD0"  
Return-Path: vivienne@enviroafrica.co.za

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## Vivienne Thomson

---

**From:** Vivienne Thomson <vivienne@enviroafrica.co.za>  
**Sent:** Wednesday, 21 June 2017 5:17 PM  
**To:** 'PretoriusK@caa.co.za'  
**Cc:** 'Lizelle Stroh'  
**Subject:** RE: KEIMOES SOLAR PV FACILITY (DEA Reference Number: 14/12/16/3/3/1/1754)  
**Attachments:** Keimoes SACAA 2012 approval.pdf

Dear Sir

The email correspondence below refers. I obtained your details from the Sustainable Energy Developments document on the CAA website.

Please note that the above project has had no changes to the information provided to the SACAA by EnviroAfrica (represented by Jerry Avis) in June 2012. Approval for the project was received from the SACAA in June 2012 as per the attached document. The only reason for the current application for an environmental authorisation (EA) for the above development is that although an EA was originally granted by the Department of Environmental Affairs (DEA) for the above project in 2012, the EA expired before physical work could commence. Therefore, to continue with the development, a new EA is required.

It is concluded therefore, that the original SACAA approval is still valid as per the last paragraph of the Sustainable Energy Developments document on the CAA website.

Please confirm if the above conclusion is correct.

Thank you,  
Vivienne Thomson  
Telephone: +2721 851 1616  
Email: [vivienne@enviroafrica.co.za](mailto:vivienne@enviroafrica.co.za)



**From:** Lizelle Stroh [<mailto:StrohL@caa.co.za>]  
**Sent:** Tuesday, 20 June 2017 3:48 PM  
**To:** Vivienne Thomson <vivienne@enviroafrica.co.za>  
**Subject:** RE: KEIMOES SOLAR PV FACILITY (DEA Reference Number: 14/12/16/3/3/1/1754)

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- *Please always use the proposed PV farm name in the Subject box when corresponding via email with this office and indicate the name & address which should appear on the CAA approval/decline letter.*
- *There is an assessment fee of R770 per application.*
- *For billing purposes: company name VAT nr. and postal details.*
- *Kindly ensure that all the above data is forwarded. Incomplete data causes unnecessary delays.*

Kind regards

**Lizell Stroh**

**Obstacle Inspector**

**PANS-OPS (Procedures for Air Navigation Services-Aircraft Operations)**

**Air Navigation Services**

Tel: 011 545 1232 | Fax: 011 545 1451 | Email: [strohl@caa.co.za](mailto:strohl@caa.co.za) | [www.caa.co.za](http://www.caa.co.za)

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**From:** Vivienne Thomson [<mailto:vivienne@enviroafrica.co.za>]

**Sent:** 20 June 2017 12:34 AM

**To:** Lizelle Stroh

**Subject:** KEIMOES SOLAR PV FACILITY (DEA Reference Number: 14/12/16/3/3/1/1754)

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Thank you,  
Vivienne Thomson  
Telephone: +2721 851 1616  
Email: [vivienne@enviroafrica.co.za](mailto:vivienne@enviroafrica.co.za)



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## Vivienne Thomson

---

**From:** Bernard de witt <bernard@enviroafrica.co.za>  
**Sent:** Thursday, 06 July 2017 10:45 AM  
**To:** Vivienne Thomson  
**Cc:** Peet Botes  
**Subject:** FW: N-Cape Draft CBA Map

Hi Viv

See comments below for your information

Bernard de Witt



mobile: +27 82 4489991  
Direct fax 0866203308  
Office: tel +27 21 851 1616, fax 0865120154  
P. O. Box 5367, Helderberg, 7135  
29 St James St, Somerset West

**From:** JacolineMa [mailto:JacolineMa@daff.gov.za]  
**Sent:** Monday, July 3, 2017 3:59 PM  
**To:** peet@vodamail.co.za; Bernard De Witt (bernard@enviroafrica.co.za)  
**Subject:** N-Cape Draft CBA Map

Goeiedag Peet en Bernard

Ek hoop dit gaan goed met julle? Ek het van Enviro Africa 5 Basic Assessments ontvang vir 'n klomp projekte wat voorheen goedgekeur was, maar die Omgewingsgoedkeurings het verval. In die opgedateerde Biodiversity Assessments en Botanical Scans noem julle herhaardelik dat "Critical Biodiversity Areas (CBA) or ESA has not yet been defined for this Municipal area". Die draft CBA map is nou beskikbaar die hele Noord-Kaap Provinsie en word reeds gebruik. Ek stel voor julle doen overlays op die draft CBA map, want ek verstaan van Natuurbewaring dat dit nie sommer sal verander nie. Vir 'n link na die CBA kaart, kontak Samantha de la Fontaine ([Sdefontaine@gmail.com](mailto:Sdefontaine@gmail.com)) of tel (054) 338 4806. Ek verstaan van DENC dit is gelaai op SANBI BGIS, maar is nie seker nie.

Groete,

**Jacoline Mans**

Designation: Chief Forester (NFARegulation)  
Directorate: Forestry Management (Other Regions) Northern Cape  
Department of Agriculture, Forestry and Fisheries

Tel: 054 338 5909  
Fax: 054 334 0030  
Web: [www.daff.gov.za](http://www.daff.gov.za)  
E-mail: [JacolineMa@daff.gov.za](mailto:JacolineMa@daff.gov.za)

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**Attachments:** Pylon Geographic co ordinates.xls; Solar Park footprint corners.xls; New Part 139 01 30 Regulations.pdf

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Kind regards

**Lizell Stroh**

**Obstacle Inspector**

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**Air Navigation Services**

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Telephone: +2721 851 1616

Email: [vivienne@enviroafrica.co.za](mailto:vivienne@enviroafrica.co.za)



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Bernard de Witt



mobile: +27 82 4489991

Direct fax 0866203308

Office: tel +27 21 851 1616, fax 0865120154

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Goeiedag Peet en Bernard

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**Obstacle Inspector**

**PANS-OPS (Procedures for Air Navigation Services-Aircraft Operations)**

**Air Navigation Services**

**Tel:** 011 545 1232 | **Fax:** 011 545 1451 | **Email:** [strohl@caa.co.za](mailto:strohl@caa.co.za) | [www.caa.co.za](http://www.caa.co.za)

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**Sent:** 20 June 2017 12:34 AM



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Vivienne Thomson

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Email: [vivienne@enviroafrica.co.za](mailto:vivienne@enviroafrica.co.za)



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## Vivienne Thomson

---

**From:** John Geeringh <GeerinJH@eskom.co.za>  
**Sent:** Tuesday, 20 June 2017 10:54 AM  
**To:** Vivienne Thomson  
**Subject:** RE: KEIMOES SOLAR PV FACILITY (DEA Reference Number: 14/12/16/3/3/1/1754)  
**Attachments:** Eskom requirements for work in or near Eskom servitudes SOLAR (3).doc;  
Renewable Energy Generation Plant Setbacks to Eskom Infrastructure - Signed.pdf

Please find attached Eskom requirements for works and developments at or near Eskom infrastructure.

Kind regards

John Geeringh (Pr. Sci. Nat.)  
Senior Consultant Environmental Management

Eskom GC: Land Development  
Megawatt Park  
D1Y39  
P O Box 1091  
Johannesburg  
2000

Tel: 011 516 7233  
Fax: 086 661 4064  
Cell: 083 632 7663

**From:** Vivienne Thomson [mailto:vivienne@enviroafrica.co.za]  
**Sent:** 20 June 2017 12:48 AM  
**To:** John Geeringh  
**Subject:** KEIMOES SOLAR PV FACILITY (DEA Reference Number: 14/12/16/3/3/1/1754)

Dear Sir/Madam

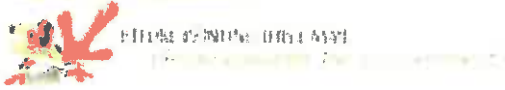
EnviroAfrica cc has been appointed by Keren Energy Holdings, to conduct the environmental impact assessment process as part of the environmental authorisation (EA) application for the above development. An EA was originally granted by the Department of Environmental Affairs (DEA) for the above project in 2013 but the EA expired before physical work could commence. Therefore, to continue with the development, a new EA is required.

As part of the new application process, a post-application Basic Assessment Report (BAR) has been compiled which contains 2017 revisions/addendums of the various specialist reports, as well as an updated draft environmental management programme for the project which were unavailable when the draft BAR was issued during the first round of public comment in March 2017.

Interested and Affected Parties (I&APs) are hereby notified of the availability of the post application BAR at [www.EnviroAfrica.co.za](http://www.EnviroAfrica.co.za) (under Projects/For public participation/Keimoes). A cd of the post application BAR has been posted to your office and a hard copy is also available at the Local Municipal Office. I&APs are invited to register in writing (if this has not been done as yet) and/or provide comments/ queries relating to the post-application BAR.

**Please note:** Comments must reach EnviroAfrica in writing, on or before **20 July 2017** for response and inclusion in the final BAR to be submitted to the DEA.

Thank you,  
Vivienne Thomson  
Telephone: +2721 851 1616  
Email: [vivienne@enviroafrica.co.za](mailto:vivienne@enviroafrica.co.za)



**NB: This Email and its contents are subject to the Eskom Holdings SOC Limited EMAIL LEGAL NOTICE which can be viewed at [http://www.eskom.co.za/Pages/Email\\_Legal\\_Spam\\_Disclaimer.aspx](http://www.eskom.co.za/Pages/Email_Legal_Spam_Disclaimer.aspx)**

Eskom requirements for work in or near Eskom servitudes.

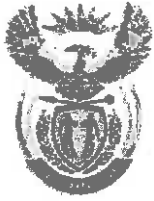
1. Eskom's rights and services must be acknowledged and respected at all times.
2. Eskom shall at all times retain unobstructed access to and egress from its servitudes.
3. Eskom's consent does not relieve the developer from obtaining the necessary statutory, land owner or municipal approvals.
4. Any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

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

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

John Geeringh (Pr Sci Nat)

Senior Consultant Environmental Management  
Eskom GC: Land Development



## environmental affairs

Department:  
Environmental Affairs  
REPUBLIC OF SOUTH AFRICA

Private Bag X 447 · PRETORIA · 0001 · Environmental House · 473 Steve Biko Road · PRETORIA

DEA Reference: 14/12/16/3/3/1/1752

Enquiries: Ms Salome Mambane

Telephone: 012 399 9385 E-mail: [SMambane@environment.gov.za](mailto:SMambane@environment.gov.za)

Vivienne Thomson  
EnviroAfrica CC  
P.O Box 5367  
HELDERBERG  
7135

Tell: 021 851 1616  
Email: [admin@enviroafrica.co.za](mailto:admin@enviroafrica.co.za)

**PER EMAIL / MAIL**

Dear Sir/Madam

**ACKNOWLEDGEMENT OF NOTIFICATION FOR AN EXTENSION IN TERMS OF REGULATION 19(1)(b) FOR THE PROPOSED KEREN ENERGY DISSELFONTEIN SOLAR PV FACILITY, NORTHERN CAPE PROVINCE**

The Department confirms having received the notification for extension on the 30 May 2017.

Please note that should you fail to meet any of the timeframes stipulated in Regulation 19 of the Environmental Impact Assessment Regulations as amended 2014, your application will lapse.

Kindly quote the abovementioned reference number in any future correspondence in respect of the application.

Yours sincerely

**Mr Sabelo Malaza**

**Chief Director: Integrated Environmental Authorisations**

**Department of Environmental Affairs**

**Letter signed by: Azrah Essop**

**Environmental Officer Specialised Production: EIA Coordination, Strategic Planning and Support**

**Date: 31 May 2017**

## Vivienne Thomson

---

**From:** EnviroAfrica :Admin <admin@enviroafrica.co.za>  
**Sent:** Thursday, 04 May 2017 1:12 PM  
**To:** 'Vivienne Thomson'  
**Subject:** FW: 14/12/16/3/3/1/1754 Keimoes solar  
**Attachments:** 00206B9F7B84170504124640.pdf

Belinda Waters

T: (021) 851 1616  
F: 086 512 0154  
PO Box 5367  
Helderberg  
7135

-----Original Message-----

**From:** Lydia Kutu [mailto:LKutu@environment.gov.za]  
**Sent:** 04 May 2017 01:04 PM  
**To:** admin@enviroafrica.co.za; weyers@kerenergy.com  
**Cc:** Nyiko Nkosi; EIAAdmin  
**Subject:** 14/12/16/3/3/1/1754

Good day.

Please find herein the attached letter for the above mentioned.

I hope you find all in order.

Thank you.

Kind Regards,

Lydia Kutu

Please consider the environment before you print this email. Only print if it is essential. A message from the Department of Environmental Affairs.

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## **environmental affairs**

Department:  
Environmental Affairs  
REPUBLIC OF SOUTH AFRICA

Private Bag X 447- PRETORIA 0001- Environment House - 473 Steve Biko Road, Arcadia, PRETORIA  
Tel (+ 27 12) 399 9372

DEA Reference: 14/12/16/3/3/1/1754

Enquiries: Ms Nyiko Nkosi

Telephone: (012) 399 9392 E-mail: [nnkosl@environment.gov.za](mailto:nnkosl@environment.gov.za)

Bernard de Witt  
Enviro Africa CC  
P O Box 5367  
HELDERBERG  
7135

Telephone Number: 021 851 1616  
Email Address: [admin@enviroafrica.co.za](mailto:admin@enviroafrica.co.za)

**PER MAIL / E-MAIL**

Dear Mr de Witt

### **COMMENTS ON THE DRAFT BASIC ASSESSMENT REPORT FOR THE PROPOSED KEIMOES SOLAR PV FACILITY WITH ASSOCIATED INFRASTRUCTURE WITHIN KAI GARIB LOCAL MUNICIPALITY, NORTHERN CAPE PROVINCE**

The draft Basic Assessment Report (BAR) dated March 2017 and received by this Department on 04 April 2017 refers.

This letter serves to inform you that the following information must be included in the final BAR:

#### **(a) Listed activities**

The application form submitted indicates that three listed activities (Activities 1(ii), 27 and 32 of GN R. 983) are triggered by the proposed project; however the draft BAR submitted has only two listed activities, as Activity 27 of GN R. 983 has been excluded. You are therefore required to provide clarity on why Activity 27 of GN R. 983 is not applicable to the project. If this activity is no longer applicable, the application form must be amended to reflect only those activities which are triggered by the proposed project.

Further to the above, you also indicated that the proposed project will trigger Activity 32 of GN R. 983 which states: "*The continuation of any development where the environmental authorisation has lapsed and where the continuation of the development, after the date the environmental authorisation has lapsed will meet the threshold of any activity or activities listed in this Notice, Listing Notice 2 of 2014, or Listing Notice 3 or Listing Notice 4 of 2014*".

The BAR states that this activity is applicable since the proposed project was initially authorised by this Department on the 11 June 2013 and the Environmental Authorisation (EA) lapsed before the physical work on the project could commence. Please note that Activity 32 of GN R. 983 is in fact not applicable to the proposed project since the EA lapsed *before construction could commence*. This particular listed activity is only applicable in situations where construction has already commenced and the EA subsequently lapsed / expired before construction could be completed (as per the condition in the EA which specifies the date by which construction must be completed and the activity is deemed to have been concluded, where the EA does not include operational aspects).



Further, please note that on 7 April 2017, the Minister of Environmental Affairs made amendments to the EIA Regulations, 2014, published under Government Notice ("GN") No. R. 982 of 4 December 2014, in terms of sections 24(5) and 44 of the National Environmental Management Act, 1998 (Act No. 107 of 1998) ("NEMA"). The amendments to EIA Regulations of 2014 and its listing notices came into effect on 7 April 2017. Please be advised that the applicable similarly listed activities in terms of the EIA Regulations, 2014 (as amended) must be included in the BAR and application form.

#### **(b) Content of the BAR**

Section 8(a) and 9(b) of the BAR is not completed. Instead, you have referred to specialist reports as attached to appendix D of the BAR. Please note that you are required to complete these sections in full, and provide a summary of the relevant specialist findings where required in the BAR

Further to the above, the draft BAR is not signed by the EAP. Please ensure that the BAR under section E: Recommendation of practitioner is signed.

Please also ensure that the BAR includes the period for which the environmental authorisation is required and the date on which the activity will be concluded as per the 3(1)(q) of Appendix 3 of GN R. 982.

#### **(c) Undertaking of an Oath**

The submitted report is not signed by the EAP and no undertaking under oath or affirmation by EAP is attached to the report. You are therefore required to include an **undertaking under oath or affirmation (administered by a Commissioner of Oaths)** as per Appendix 1 (3) (r) of the EIA Regulations, 2014, which states that the BAR must include:

*"an undertaking under oath or affirmation by the EAP in relation to:*

- (i) the correctness of the information provided in the reports;*
- (ii) the inclusion of comments and inputs from stakeholders and I&APs;*
- (iii) the inclusion of inputs and recommendations from the specialist reports where relevant; and*
- (iv) any information provided by the EAP to interested and affected parties and any responses by the EAP to comments or inputs made by interested and affected parties".*

#### **(d) Specialist Studies**

The submitted draft BAR has specialist reports dated 2012 which were conducted for the previous EA which lapsed. You are therefore requested to get confirmation letters from all specialists indicating that the environmental context has not changed and that the information in the report is therefore still valid and applicable to the proposed project.

Further to the above, original signed Specialist Declaration of Interest forms (Department template) must be submitted for all of the specialists.

#### **(e) Public participation Process**

The following information must be submitted with the final BAR:

- Newspaper advert;
- Proof of onsite notice;

- Proof of notification and submission of draft BAR to registered interested and affected parties and organ of states;
- Copies of all comments received during draft BAR comment period must be submitted; and
- A comments and response (C&R) must be submitted with the final BAR. The C&R report must incorporate all historical comments for this development, as well as all comments received during the public participation process for the current draft BAR, including all official comments received from this Department, and all responses provided to those comments.

**(f) Details and Expertise of EAP**

You have indicated that the details and expertise of the EAP will be submitted in the final BAR. Note that EIA Regulations 2014 does not specify that this information is only applicable to the final BAR. The draft BAR must also include this information in order to comply with the requirements of Appendix 1(3)(1)(a) of the EIA Regulations, 2014. You are therefore required to include the details and expertise of the EAP in the BAR.

**(g) Impact Assessment**

The BAR template requires that the Impact Assessment be attached as Appendix F of the BAR. This information is not included in the draft BAR. You are therefore requested to include the impact assessment (including assessment methodology) under appendix F of the BAR.

**(h) Sensitivity Map**

The content of the BAR requires that all maps be attached as Appendix A, however the submitted draft BAR did not attach the sensitivity map and instead refers to specific specialist reports as attached under appendix D. You are required to include the sensitivity map under Appendix A of the BAR and the sensitivity map must include the following:

- The layout/route plan must be overlain with a sensitivity map that indicates all the sensitive areas associated with the site, including, but not limited to:
  - watercourses;
  - the 1:100 year flood line (where available or where it is required by DWS);
  - ridges;
  - cultural and historical features;
  - areas with indigenous vegetation (even if it is degraded or infested with alien species); and
  - critical biodiversity areas.
- The sensitivity map must also cover areas within 100m of the site

**(i) Layout Map**

A copy of the final site layout map and alternatives. All available biodiversity information must be used in the finalisation of the layout map. Existing infrastructure must be used as far as possible e.g. roads. The layout map must indicate the following:

- PV positions and its associated infrastructure;
- Permanent laydown area footprint;
- Internal roads indicating width (construction period width and operation period width) and with numbered sections between the other site elements which they serve (to make commenting on sections possible);
- Wetlands, drainage lines, rivers, stream and water crossing of roads and cables indicating the type of bridging structures that will be used;

- The location of sensitive environmental features on site e.g. CBAs, heritage sites, wetlands, drainage lines etc. that will be affected by the facility and its associated infrastructure;
- Substation(s) and/or transformer(s) sites including their entire footprint;
- Connection routes (including pylon positions) to the distribution/transmission network;
- All existing infrastructure on the site, especially roads;
- Buffer areas;
- Buildings, including accommodation; and
- All “no-go” areas.

**(j) Environmental Management Programme (EMPr)**

It is noted that the submitted draft BAR does not include an EMPr. You have indicated that since the application is a re-application process for an expired EA which was granted in 2013, the complete and updated EMPr will be submitted together with the final BAR. Please note that the resubmission of the application in this instance is deemed to be a new application in terms of the EIA Regulations, 2014. I&APs have a right to comment on the EMPr and must be given such opportunity before the EMPr submitted to the Department for decision making. As such, the draft BAR which is circulated to I&APs must include the EMPr. You are therefore requested to include the EMPr which complies with Appendix 4 of the EIA Regulation, 2014:

The Environmental Management Programme (EMPr) to be submitted as part of the BAR must also include the following:

- All recommendations and mitigation measures recorded in the BAR and the specialist studies conducted.
- The final preferred route layout map.
- Measures as dictated by the final route layout map and micro-siting.
- An environmental sensitivity map indicating environmental sensitive areas and features identified during the assessment process.
- A map combining the final preferred route layout map superimposed (overlain) on the environmental sensitivity map.
- An alien invasive management plan to be implemented during construction and operation of the facility. The plan must include mitigation measures to reduce the invasion of alien species and ensure that the continuous monitoring and removal of alien species is undertaken.
- A plant rescue and protection plan which allows for the maximum transplant of conservation important species from areas to be transformed. This plan must be compiled by a vegetation specialist familiar with the site and be implemented prior to commencement of the construction phase.
- A re-vegetation and habitat rehabilitation plan to be implemented during the construction and operation of the facility. Restoration must be undertaken as soon as possible after completion of construction activities to reduce the amount of habitat converted at any one time and to speed up the recovery to natural habitats.
- A traffic management plan for the site access roads to ensure that no hazards would result from the increased truck traffic and that traffic flow would not be adversely impacted. This plan must include measures to minimize impacts on local commuters e.g. limiting construction vehicles travelling on public roadways during the morning and late afternoon commute time and avoid using roads through densely populated built-up areas so as not to disturb existing retail and commercial operations.
- A transportation plan for the transport of components, main assembly cranes and other large pieces of equipment.
- A fire management plan to be implemented during the construction and operation of the facility.
- An erosion management plan for monitoring and rehabilitating erosion events associated with the facility. Appropriate erosion mitigation must form part of this plan to prevent and reduce the risk of any potential erosion.
- An effective monitoring system to detect any leakage or spillage of all hazardous substances during their transportation, handling, use and storage. This must include precautionary measures to limit the possibility of oil and other toxic liquids from entering the soil or storm water systems.

- Measures to protect hydrological features such as streams, rivers, pans, wetlands, dams and their catchments, and other environmental sensitive areas from construction impacts including the direct or indirect spillage of pollutants.

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

## **General**

Based on the above, you are therefore requested to amend the draft BAR to include the above requirements and circulate it for another round of comments for a period of 30 days.

You are further reminded to comply with regulation 19(1)(a) of the Environmental Impact Assessment Regulations, 2014, which states that:

*"Where basic assessment must be applied to an application, the applicant must, within 90 days of receipt of the application by the competent authority, submit to the competent authority -*

*(a) a basic assessment report, inclusive of specialist reports, an EMPr, and where applicable a closure plan, which have been subjected to a public participation process of at least 30 days and which reflects the incorporation of comments received, including any comments of the competent authority"*

Should there be significant changes or new information that has been added to the basic assessment report or EMPr which changes or information was not contained in the reports or plans consulted on during the initial public participation process, you are therefore required to comply with regulation 19 (b) which states:

*"the applicant must, within 90 days of receipt of the application by the competent authority, submit to the competent authority – (b) a notification in writing that the basic assessment report, inclusive of specialist reports an EMPr, and where applicable, a closure plan, will be submitted within 140 days of receipt of the application by the competent authority, as significant changes have been made or significant new information has been added to the basic assessment report or EMPr or, where applicable, a closure plan, which changes or information was not contained in the reports or plans consulted on during the initial public participation process contemplated in subregulation (1)(a) and that the revised reports or, EMPr or, where applicable, a closure plan will be subjected to another public participation process of at least 30 days"*

Should you fail to meet any of the timeframes stipulated in Regulation 19 of the Environmental Impact Assessment Regulations (2014), your application will lapse.

You are hereby reminded that should the BAR fail to comply with the requirements of this acceptance letter, the environmental authorisation may be refused.

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

You are requested to submit two (2) unprotected electronic copies (CD/DVD and two (2) hard copies of the BAR to the Department as per Regulation 23(1) of the EIA Regulations, 2014.

Please also find attached information that must be used in the preparation of the BAR. This will enable the Department to speedily review the BAR and make a decision on the application.

You are hereby reminded of Section 24F of the National Environmental Management Act, Act No 107 of 1998, as amended, which stipulates that no activity may commence prior to an Environmental Authorisation being granted by the Department.

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

Yours faithfully



**Mr Sabelo Malaza**

**Chief Director: Integrated Environmental Authorisations**

**Department of Environmental Affairs**

**Signed by: Ms Sindiswa Dlomo**

**Designation: Deputy Director: Integrated Environmental Authorisations - Public Sector**

**Date: 03/05/2017**

cc:	Mr Cornelius Weyers Janse van Rensburg	Keren Energy Keimoes (Pty) Ltd	Email: weyers@kerenenergy.com
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**A. ASSESSMENT INFORMATION REQUIRED FOR SOLAR ENERGY FACILITIES**

**1. General site information**

The following general site information is required:

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

This information must be indicated on the first page of the basic assessment report. It is also advised that it be double checked as there are too many mistakes in the applications that have been received that take too much time from authorities to correct.

**2. Sample of technical details for the proposed facility**

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

**3. Site maps and GIS Information**

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

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

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

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

#### 4. Regional map and GIS information

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

- All maps/information layers must also be provided in ESRI Shapefile format
- The map/layer must cover an area of 20km around the site
- Indicate the following:
  - roads including their types (tared or gravel) and category (national, provincial, local or private)

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

## **5. Important stakeholders**

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

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

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

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

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

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

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



Mr John Geeringh  
 Eskom Transmission  
 Megawatt Park D1Y38  
 PO Box 1091  
**JOHANNESBURG**  
 2000

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

**B. AGRICULTURE STUDY REQUIREMENTS**

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

**D. Format for Comments and Response Trail Report:**

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

10<sup>th</sup> April 2017

Mr. Victor Sacco  
Deputy Chairperson, Management Committee  
Diocese Aids Ministry  
P. O. Box 323  
Keimoes  
8860  
Email: [diocese@telkomsa.net](mailto:diocese@telkomsa.net)

**Delivery:** via email and post

Dear Sir

**re.:** Keren Energy Keimoes Proposed Solar Photovoltaic Facility  
(New DEA Ref.: 14/12/16/3/3/1/1754)

Thank you for your response to the public participation process for the above-mentioned project. In your correspondence with Enviro Africa, you indicated that you and/or the organisation/company you represent are particularly interested in forming developmental partnerships related to the proposed project.

Please note that Enviro Africa is undertaking the environmental authorisation application process for this project and will notify you of any decisions reached by the National Department of Environmental Affairs (DEA) regarding environmental authorisation for the proposed project.

However, we kindly request that you direct your query related to job or developmental partnership opportunities, to the project applicant at the details provided below since such issues are co-ordinated directly through the applicant's offices.

**Applicant:** Keren Energy Keimoes (Pty) Ltd.  
**Represented by:** Weyers Janse van Rensburg  
**Address:** P. O. Box 73, Somerset West 7137  
**Telephone:** 082 631 7496  
**Fax.:** 021 853 0269  
**Email:** [weyers@kerenenergy.com](mailto:weyers@kerenenergy.com)

I trust this is in order.

Yours sincerely,  
Vivienne Thomson  
Environmental Consultant

## Vivienne Thomson

---

**From:** Vivienne Thomson <vivienne@enviroafrica.co.za>  
**Sent:** Friday, 07 April 2017 9:53 AM  
**To:** 'diocese@telkomsa.net'  
**Subject:** Proposed Keren Energy Keimoes Solar PV Facility

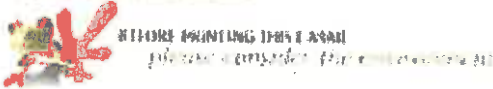
Dear Mr. Sacco

On behalf of Enviro Africa, I confirm your registration as an interested and affected party for the above-mentioned proposed development. Please supply us with the name of the organisation you represent since it was not included in your initial email.

For now, your registration has been captured in your capacity as Victor Sacco, Deputy Chairperson, Management Committee

Should there be any queries, please do not hesitate to contact me.

Thank you,  
Vivienne Thomson  
Telephone: +2721 851 161  
Email: [vivienne@enviroafrica.co.za](mailto:vivienne@enviroafrica.co.za)



## Vivienne Thomson

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**From:** EnviroAfrica :Admin <admin@enviroafrica.co.za>  
**Sent:** Thursday, 06 April 2017 9:47 AM  
**To:** 'Vivienne Thomson'  
**Subject:** FW: Registration as an Interested Party the Proposed Keimoes Solar Energy Facility

[Belinda Waters](#)



T: (021) 851 1616  
F: 086 512 0154  
PO Box 5367  
Helderberg  
7135

**From:** Mail [mailto:diocese@telkomsa.net]  
**Sent:** 06 April 2017 09:40 AM  
**To:** admin@enviroafrica.co.za  
**Subject:** Registration as an Interested Party

Dear Sir/Madam

Herewith our registration as mentioned above referring to the Proposed Keimoes Solar Energy Facility. We are a community based development organisation operating within the municipal boundaries of the Kai !Garib Municipal area. Our request/interest are mainly focussed on the:

- Partnerships with community and other developmental organisations within the area in terms of corporate social investment.
- Plans and opportunities for short term and long term job creation opportunities (*including all service providers linked to the proposed project*) for the surrounding communities.

Thanks in anticipation for your willingness to form developmental partnerships with us.

Sincerely yours

Victor Sacco  
Deputy Chairperson = Management Committee  
082 945 4910



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

[www.avast.com](http://www.avast.com)



## environmental affairs

Department:  
Environmental Affairs  
REPUBLIC OF SOUTH AFRICA

Private Bag X 447· PRETORIA · 0001· Environment House · 473 Steve Biko Road, Arcadia · PRETORIA

DEA Reference: 14/12/16/3/3/1/1754  
Enquiries: Azrah Essop  
Tel: 012 399 8529 E-mail: AEssop@environment.gov.za

Bernard de Witt  
Enviro Africa CC  
P O Box 5367  
HELDERBERG  
7135

Fax: 086 512 0152  
Tel: 021 851 1616  
Email: admin@enviroafrica.co.za

PER EMAIL / MAIL

Dear Sir/Madam

**THE NEW APPLICATION FOR ENVIRONMENTAL AUTHORISATION (BASIC ASSESSMENT PROCESS) AND DRAFT BASIC ASSESSMENT REPORT FOR THE PROPOSED KEIMOES SOLAR PV FACILITY WITH ASSOCIATED INFRASTRUCTURE ON ERF 666 KEIMOES, KAI GARIB LOCAL MUNICIPALITY WITHIN THE NORTHERN CAPE PROVINCE**

The Department confirms having received the Application for Environmental Authorisation and Draft Basic Assessment Report for the abovementioned project on 04 April 2017. You have submitted these documents to comply with the Environmental Impact Assessment Regulations, 2014.

Please note that you have not completed all contact details in the application form.

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

You are hereby reminded of Section 24F of the National Environmental Management Act, Act No. 107 of 1998, as amended, that no activity may commence prior to an Environmental Authorisation being granted by the Department.

Yours sincerely

**Mr Sabelo Malaza**

**Chief Director: Integrated Environmental Authorisations**

**Department of Environmental Affairs:**

**Letter signed by: Ms Azrah Essop**

**Designation: Environmental Officer Specialised Production: EIA Coordination, Strategic Planning and Support**

**Date: 5/4/2017**

CC	Cornelius Weyers Janse van Rensburg	Keren Energy Keimoes (Pty) Ltd	Email: weyers@kerenenergy.com
	G Botha	Northern Cape Department of Environment and Nature Conservation	Email: none provided
	L G Lategaan	Kai Garib Local Municipality	Email: admin@kaigarib.gov.za

## Vivienne Thomson

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**From:** Vivienne Thomson <vivienne@enviroafrica.co.za>  
**Sent:** Friday, 17 March 2017 11:48 AM  
**To:** 'tvdmerwe@environment.gov.za'  
**Cc:** Bernard de witt  
**Subject:** NC Solar projects  
**Attachments:** 27 September 2016 DEA Meeting Minutes.docx

Dear Tanet

Thank you for our chat earlier this morning. For record purposes, please see the mails below and attached file.

I acknowledge that application forms for the above DBARs submitted will be couriered to your offices on the 27<sup>th</sup> May 2017, so you should have them before the end of the month. Please confirm your department and floor number for courier purposes.

Thank you,  
Vivienne Thomson  
Telephone: +2721 851 161  
Email: [vivienne@enviroafrica.co.za](mailto:vivienne@enviroafrica.co.za)



**From:** Vivienne Thomson [mailto:[vivienne@enviroafrica.co.za](mailto:vivienne@enviroafrica.co.za)]  
**Sent:** Thursday, 16 March 2017 12:23 PM  
**To:** 'Ephron Maradwa' <[EMaradwa@environment.gov.za](mailto:EMaradwa@environment.gov.za)>  
**Cc:** Bernard de witt <[bernard@enviroafrica.co.za](mailto:bernard@enviroafrica.co.za)>  
**Subject:** RE: Emailing: applicationforenvironmentalauthorisation2016.doc

Dear Ephron

Thank you for your prompt response. Please find attached, the minutes of the meeting held last year which I referred to in our telephonic conversation earlier today, as well as email correspondence (below) with the Department.

Thank you,  
Vivienne Thomson  
Telephone: +2721 851 161  
Email: [vivienne@enviroafrica.co.za](mailto:vivienne@enviroafrica.co.za)



**From:** Clinton [<mailto:clinton@enviroafrica.co.za>]

**Sent:** Monday, 03 October 2016 8:51 AM

**To:** Mahlatse Shubane ([MShubane@environment.gov.za](mailto:MShubane@environment.gov.za)) <[MShubane@environment.gov.za](mailto:MShubane@environment.gov.za)>; 'halberts@environment.gov.za' <[halberts@environment.gov.za](mailto:halberts@environment.gov.za)>; [bernard@enviroafrica.co.za](mailto:bernard@enviroafrica.co.za); 'info@ventura.co.za' <[info@ventura.co.za](mailto:info@ventura.co.za)>; 'Weyers@kerenenergy.com' <[Weyers@kerenenergy.com](mailto:Weyers@kerenenergy.com)>

**Subject:** DEA Meeting minutes - 27 September 2016

Dear All

Please find attached the meeting minutes for the meeting held on 27 September 2016 to discuss the NEMA Application for the proposed solar sites.

Many thanks

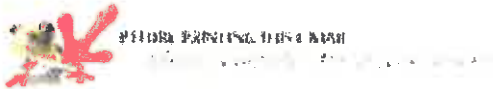
Best regards,

Clinton Geyser



Tel. 021 851 1616

Email: [clinton@enviroafrica.co.za](mailto:clinton@enviroafrica.co.za)



27 September 2016

Minutes of Meeting with Department of Environmental Affairs, Keren Energy Holdings and EnviroAfrica

Present:

Mahlatse Shubane – DEA.	<a href="mailto:mshubane@environment.gov.za">mshubane@environment.gov.za</a>	Tel: 012 399 9417
Herman Alberts – DEA.	<a href="mailto:halberts@environment.gov.za">halberts@environment.gov.za</a>	Tel: 012 399 9371
Bernard de Witt – EnviroAfrica (EAP).	<a href="mailto:Bernard@enviroafrica.co.za">Bernard@enviroafrica.co.za</a>	Tel: 021 851 1616
Clinton Geyser – EnviroAfrica (EAP).	<a href="mailto:Clinton@enviroafrica.co.za">Clinton@enviroafrica.co.za</a>	Tel: 021 851 1616
Fritz Eksteen – Keren Energy Holdings.	<a href="mailto:info@ventura.co.za">info@ventura.co.za</a>	Tel: 012 345 1109
Weyers van Rensburg – Keren Energy Holdings.	<a href="mailto:Weyers@kerenenergy.com">Weyers@kerenenergy.com</a>	Tel: 082 631 7496

Keren Energy Holdings requested the meeting along with EnviroAfrica to discuss the fact that seven EIA's has expired which pertains to Solar projects of Keren Energy Holdings.

Mr. Shubane and Mr. Alberts informed all present that the Basic Assessments has to be completed in full again. However, the specialist studies do not need a full report again if there are no changes. Specialist can just confirm (verify the findings of the original report) or update the previous report. Mr. Alberts emphasized that the specialist must go visit the site again. Specialist not allowed to simply write a confirmation. The specialist studies will include but not limited to agriculture, visuals, bio diversity, heritage, and socio economics.

For public participation the specialist report as well as the application must be submitted using the 2014 format. Any specialist studies conducted in house must be reviewed externally.

It is important to make sure of all the regulations. If anything unclear EnviroAfrica can contact Mr. Shubane and get clarity.

Responses to comments pertaining to public participation must be addressed accordingly and adequately. "Noted" is not a response. There must also be a comment and response report. The comments and where they were addressed in the report must be clear.

The report must include a clarification if there are no alternatives for technology used or alternative sites.

Mr. Alberts advised that applications should be in before 15 December. DEA will be closed 15 December to 5 January 2017. No public participation can take place during this time period



If all specialist studies are completed – one round of public participation will be sufficient. DEA will only provide comment on the Basic Assessment Report once an Application Form has been submitted.

Need and desirability must be addressed in the Basic Assessment Report. Just an “umbrella” response that the project is required to provide additional energy to Eskom is not the only “need”. The Need and Desirability must therefore be addressed in more detail.

When submitting the entire report, an original plus one hard copy and 2 CD’s must be submitted. The application must be included on the CD’s.

Cumulative impacts must be addressed. The impacts of any other renewable projects within a 30km radius of the site must be evaluated. Specialists must also take this into consideration. The DEA website can be accessed for a database of renewable projects (new builds). Mr. Shubane to email the link to the database to EnviroAfrica.

### Plan of Study

These are the following steps to be conducted for the NEMA Application in terms of the NEMA EIA Regulations 2014 as discussed in the meeting:

- Specialists to conduct site visit and to verify their original findings and/or to update their specialist reports
- EAP to update the Basic Assessment Report (BAR) on the 2014 BAR template.
- EAP to compile 2014 NEMA Application Form and to submit to DEA (90 day legislated timeframe begins)
- EAP to conduct the public participation in terms of the 2014 Regulations. This will include newspaper advertisement, site posters, notification letters to neighbouring land owners and occupiers etc and to other potential I&APs as per the NEMA regulations, as well as to all registered I&APs, notifying them of the NEMA Application, and the availability of the BAR for viewing and comment for a 30 day comment period. The BAR will also be distributed to all relevant State Departments and Organs of State , including DEA, for comment.
- After the 30 day comment period, a Comments and Response report will be compiled. The C&R report will be included in the Final BAR to be submitted to DEA (within the 90 day legislated timeframe) for a decision.
- If required by, and approved by DEA, the 90 day legislated timeframe will be increased by 50 days, if the BAR is substantially amended or substantial additional information is included in the BAR, as a result of comments received on the BAR during the public participation period. The amended BAR will then be submitted for an additional 30 day comment period to registered I&APs.

