

KAKAMAS

(ERF. 1654, KAKAMAS, KAI GARIB LOCAL MUNICIPALITY, NORTHERN CAPE PROVINCE)

PROPOSED SOLAR PV PLANT

APPLICANT: KEREN ENERGY KAKAMAS (PTY) LTD



FINAL BASIC ASSESSMENT REPORT (VOLUME 2 OF 2)

DEA REF. NO.: 14/12/16/3/3/1/1755

JULY 2017

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Appendix E: Public Participation

Appendix E-1: Proof of Advertisement Placements and Notices

4. Algemeen

231 Bladwyse

232 Sinterklaas

5. Personeel

1 Grada SMS

2 Sphenax basale

3 Topple-grads

4 Grada bonde

5 Grada kraai

6 Windaalshoëlle

7 Aleskop

8 Bougins

9 Jags

10 Verloer/Vermis

11 Gervind

12 Kerklaan

13 Kerklaan

14 Kerklaan en pastorie

15 Gervind

16 Pyp en pail loop

17 Saamtydse

18 Dagmors

19 Kerklaan

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21 Oopstapende

22 Porselien

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ROMA ENERGY DANIELSKOOL (PTY) LTD ENVROAFRICA CC

ENVIRONMENTAL IMPACT ASSESSMENT PUBLIC PARTICIPATION PROCESS

POST APPLICATION: PROPOSED DANIELSKOOL SOLAR ENERGY FACILITY
(on Erf. 753, a Portion of Erf. 1, Danielskool, Kgatelopele Local Municipality, Barlonyi West Registration Division)

Department of Environmental Affairs Reference Number: 14/12/16/33/1/1753

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:

Reference number	Activity No. (a)	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 1ha but less than 20ha of indigenous vegetation

EnviroAfrica CC has been appointed by Roma 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 21st January 2015 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°12'28.09"S, 29°37'20.33"E, on Erf. 753, a Portion of Erf. 1, Danielskool, within the Kgatelopele Local Municipality, Barlonyi 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 would form an array covering an area of 20ha, circumferenced 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 Oupstas 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 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 20 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 (including 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 (Karoo Solar PV)
P.O. Box 5367, HELDERBERG 7135
Tel: 086 512 0154; Tel: 021 851 1616; E-mail: adm@enviroafrica.co.za

ROMA ENERGY MOUNT ROPER (PTY) LTD ENVROAFRICA CC

ENVIRONMENTAL IMPACT ASSESSMENT PUBLIC PARTICIPATION PROCESS

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

Department of Environmental Affairs reference number: 14/12/16/33/1/1753

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:

Reference number	Activity No. (a)	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 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°19'06"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, circumferenced with a perimeter fire 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 on the 20 ha site, as well as a switch panel and 1.9 km of 22 kV overhead powerline from the southern extent of the PV array for connection to the power grid, at Eskom's Rieas 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 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 (including 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 Roper Solar PV)
PO Box 5367, HELDERBERG 7135
Tel: 086 512 0154
Tel: 021 851 1616
E-mail: adm@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 Keimoes Municipal Commonage in the Kall Garib Local Municipality)

Department of Environmental Affairs Reference Number: 14/12/16/33/1/1754

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:

Reference number	Activity No. (a)	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 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 22 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°53'52.28"E, on erf 686 Keimoes, within the Kall Garib 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, circumferenced with a perimeter fire 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 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 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 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 (including 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
Tel: 086 512 0154
Tel: 021 851 1616
E-mail: adm@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 Commonage in the Kall, Garib Local Municipality)

Department of Environmental Affairs Reference Number: 14/12/16/33/1/1755

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:

Reference number	Activity No. (a)	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 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 25 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°47'14.71"S, 20°36'18.80"E, on Erf. 1654 Kakamas, within the Kall Garib 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, circumferenced with a perimeter fire 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 Isatip 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 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 (including 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.

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EnviroAfrica (Kakamas Solar PV)
PO Box 5367, HELDERBERG 7135
Tel: 086 512 0154
Tel: 021 851 1616
E-mail: adm@enviroafrica.co.za

A LEADING STEEL COMPANY HAS THE FOLLOWING VACANCY EXTERNAL SALES (M4)

The following key performance areas are covered by the position:

- Market the full range of Q&T products including stainless, aluminium and carbon steel
- Consistently meet sales targets, report back on market information and act as a team with internal sales in servicing a designated area
- Completion of weekly call reports based on call plan
- Maintenance of existing and building new relationships with customers
- Cold calling and securing new business
- 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 licence
- 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

27100360-KALAHARI

PSG Wealth

PSG Kuruman se dienste brei uit

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

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

27100360-KALAHARI

ENVIRONMENTAL IMPACT ASSESSMENT PUBLIC PARTICIPATION PROCESS

POST APPLICATION: PROPOSED KAKAMAS SOLAR ENERGY FACILITY

(on leased area of the Kakamas Municipal Commonage in the
Kai!, Garib Local Municipality)

Department of Environmental Affairs Reference Number: 14/12/16/3/3/1/1755

Notice is hereby given of a public participation process in terms of the National Environmental Management 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 more than 1ha but less than 20ha of indigenous vegetation

EnviroAfrica cc has been appointed by Keren Energy Holdings, to undertake the EIA process for the proposed project. Environmental authorisation (EA) was originally granted by the Department of Environmental Affairs (DEA) for the above application on the 25th 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°47'14.71"S, 20°36'18.90"E, on Erf. 1654 Kakamas, within the Kai! 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 Taaiput 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 (under Projects/For Public Participation/Kakamas). A hard copy is also available at the Local Municipal Office. 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 20th 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 (Kakamas Solar PV)
P.O. Box 5367, HELDERBERG, 7135 or
Tel.: 021 851 1616 Fax: 086 512 0154 E-mail: admin@enviroafrica.co.za

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 2 Spesiale Maat
 3 Topdruis gids
 4 Gradië honds
 5 Gradië latas
 6 Verandingsboek
 7 Alreël preke
 8 Tronies
 9 Jags
 10 Verloer/Vernis
 12 Gevind
 13 Kardinale
 14 Rekrutering en gasbuis
 15 Graad-boedige
 16 Pyne en pale te loop
 17 Skandale/teende
 18 Dagnodes
 19 Wrasings
 20 Orestes
 21 Ooppanning en vermaak
 22 Reusevill
 23 Krasse/Ondering
 24 Wetenskap te loop
 25 Nuikolom
 26 Gaftevermakers

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27 Aneleerswars
 28 Rekrutering te loop
 29 Oudknie en kams
 30 Alreël te loop
 31 Parde te loop
 32 Treedreier
 33 Lewende loop
 34 Honte te loop
 35 Weds te loop
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 37 Te loop gona
 38 Veer te loop
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Klakkies

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 140 Klakkies

Lokker

200 Bokwors

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KEREN ENERGY KEMOES (PTY) LTD ENVIROAFRICA CC

ENVIRONMENTAL IMPACT ASSESSMENT PUBLIC PARTICIPATION PROCESS

REAPPLICATION:
PROPOSED KEMOES SOLAR ENERGY FACILITY
 (on leased area of the Kemoes Municipal Commune in the Kail, Garib Local Municipality)
 Original Department of Environmental Affairs Reference Number: 12/12/02/2012

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	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).
EIA Regulations Listing Notice 2 of 2014 (GN. R. 984)	12	ii. The development of infrastructure or structures with a physical footprint of 1000 m ² or more.
EIA Regulations Listing Notice 2 of 2014 (GN. R. 984)	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. 984)	16	iv. 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" S, 20°59'52" E, on Erf 866 Kemoes, within the Kail Garib Local Municipality, District Swartkops, 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 600mm 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 20ha site and a switch panel and 1.8 km of 22 kV overhead power line from the southern station of the PV array 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 Ossa 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 other 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: 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 10th April 2017.

In order to register or submit a comment, I&APs should refer to the project name, and provide their name, address & contact details (including 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 - Kemoes)
 P.O. Box 5387, HELDERBERG, 7155
 Fax: 066 512 0154
 Tel: 021 851 1919
 E-mail: admin@enviroafrica.co.za

ROMA ENERGY MOUNT ROPEL (PTY) LTD ENVIROAFRICA CC

ENVIRONMENTAL IMPACT ASSESSMENT PUBLIC PARTICIPATION PROCESS

REAPPLICATION:
PROPOSED MOUNT ROPEL SOLAR ENERGY FACILITY
 (on farm Mount Roper 321, Kuruman, Ga-Segonyana Local Municipality)
 Original Department of Environmental Affairs Reference Number: 14/12/02/2012

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	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).
EIA Regulations Listing Notice 1 of 2014 (GN. R. 983)	12	ii. The development of infrastructure or structures with a physical footprint of 100 m ² or more.
EIA Regulations Listing Notice 2 of 2014 (GN. R. 984)	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. 984)	15	iv. The clearance of an area of 20 ha 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 21st 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°19' 08" 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 arranged in tables or panels of 20 modules each. It is proposed that the PV tables will be raised approximately 600mm 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 inverters, transformer stations on concrete pads and two office buildings on the 20ha site, as well as a switch panel and 1.8 km of 22 kV overhead power line from the southern station of the PV array for connection to the power grid, as well as a 22 kV powerline connection from the PV array to feed in to Eskom's Ossa 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 other 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: 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 10th April 2017.

In order to register or submit a comment, I&APs should refer to the project name, and provide their name, address & contact details (including 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, 7155
 Fax: 066 512 0154
 Tel: 021 851 1919
 E-mail: admin@enviroafrica.co.za

Ons volgende besoek aan Kathu Privaat Hospitaal:

Vrydag: 3 Maart 2017

Vir afspraak UPINGTON/KATHU:
 054 332 3989

LEARNED HEALTH KATHU PRIVATE HOSPITAL

DR ERHARDT D KIDSON
 (M.B.CH.B.(Surg.), D.Sc. OPHTH.(SA), F.C. OPHTH.(SA))

KEREN ENERGY KAKAMAS (PTY) LTD ENVIROAFRICA CC

ENVIRONMENTAL IMPACT ASSESSMENT PUBLIC PARTICIPATION PROCESS

REAPPLICATION:
PROPOSED KAKAMAS SOLAR ENERGY FACILITY
 (on leased area of the Kakamas Municipal Commune in the Kail Garib Local Municipality)
 Original Department of Environmental Affairs Reference Number: 12/12/02/2012

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	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).
EIA Regulations Listing Notice 1 of 2014 (GN. R. 983)	12	ii. The development of infrastructure or structures with a physical footprint of 1000 m ² or more.
EIA Regulations Listing Notice 2 of 2014 (GN. R. 984)	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. 984)	15	iv. The clearance of an area of 20 ha 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 25th 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°47'14" S, 20°38'18" E, on Erf 1854 Kakamas, within the Kail Garib Local Municipality, District Swartkops, 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 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 20ha 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 Teabos 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 other 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: 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 10th April 2017.

In order to register or submit a comment, I&APs should refer to the project name, and provide their name, address & contact details (including 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 - Kakamas)
 P.O. Box 5387, HELDERBERG, 7155
 Fax: 066 512 0154
 Tel: 021 851 1919
 E-mail: admin@enviroafrica.co.za

KEREN ENERGY DANIELSKUIL (PTY) LTD ENVIROAFRICA CC

ENVIRONMENTAL IMPACT ASSESSMENT PUBLIC PARTICIPATION PROCESS

REAPPLICATION:
PROPOSED DANIELSKUIL SOLAR ENERGY FACILITY
 (on Erf. 783, a Portion of Erf. 1, Danielskuil, Kgatelopele Local Municipality, Barkley West Registration Division)
 Original Department of Environmental Affairs Reference Number: 14/12/02/2012

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	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).
EIA Regulations Listing Notice 1 of 2014 (GN. R. 983)	12	ii. The development of infrastructure or structures with a physical footprint of 1000 m ² or more.
EIA Regulations Listing Notice 2 of 2014 (GN. R. 984)	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. 984)	16	iv. 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 21st 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" S, 23°33'20" E, on Erf. 783, 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 be raised approximately 600mm 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 20ha 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 Ossa 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 other 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: 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 10th April 2017.

In order to register or submit a comment, I&APs should refer to the project name, and provide their name, address & contact details (including 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, 7155
 Fax: 066 512 0154
 Tel: 021 851 1919
 E-mail: admin@enviroafrica.co.za

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

19 June 2017

Mr. P. T. Dykman
P. O. Box 537
Kakamas
8870



Dear Sir

re.: **Post-application BAR for proposed SOLAR PV FACILITY**
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 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 (under Projects/For Public Participation/Kakamas). 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

The Managing Director
Triple D Farms (Pty) Ltd
P. O. Box 537
Kakamas
8870



Dear Sir

re.: **Post-application BAR for proposed SOLAR PV FACILITY**
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 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 (under Projects/For Public Participation/Kakamas). 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. N. Theron
Kakamas Hydro Electric Power (RF) (Pty) Ltd
Lott Office No. 6
The Woodmill Lifestyle Centre, Vredenberg Road
Stellenbosch
7600



Dear Sir

re.: **Post-application BAR for proposed SOLAR PV FACILITY**
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 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. Please note, this is not the final BAR.

You are hereby notified of the availability of the post application BAR at www.EnviroAfrica.co.za (under Projects/For Public Participation/Kakamas). Besides the attached cd, a hard copy of the BAR is also available at the Kakamas Local Municipal Office. You are further invited to provide comments/queries relating to the post application BAR, if applicable.

Mr. Theron, please take note of the Google Earth insert in Appendix C (Facility illustration) which indicates the proposed overhead powerline tie-in route from the solar PV facility (in red). It should be noted that your query regarding the overhead powerlines from the proposed facility, will be formally addressed in the final BAR but that the applicant has already indicated their legal obligation to honour the servitude in which the KHEP powerlines currently run which are not in close proximity to the proposed solar PV overhead powerline route.

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

Vivienne Thomson

From: Vivienne Thomson <vivienne@enviroafrica.co.za>
Sent: Tuesday, 20 June 2017 1:04 AM
To: 'piet@ddd farms.net'
Subject: KAKAMAS SOLAR PV FACILITY (DEA Reference Number: 14/12/16/3/3/1/1755)

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 (under Projects/For public participation/Kakamas). 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



Vivienne Thomson

From: Vivienne Thomson <vivienne@enviroafrica.co.za>
Sent: Tuesday, 20 June 2017 12:59 PM
To: 'Niel Theron'
Subject: Solar photovoltaic (PV) facility in Kakamas (DEA Reference Number: 14/12/16/3/3/1/1755)

Dear Niel

Following your registration as an Interested and Affected Parties please note that as part of the new application process, a post-application Basic Assessment Report (BAR) has been compiled subsequent to the draft BAR. The post application BAR contains 2017 revisions/addendums of the various specialist reports, as well as an updated draft environmental management programme (EMPr) for the project. These documents were unavailable when the draft BAR was issued during the first round of public comment in March 2017.

This mail is to inform you of the availability of the post application BAR at www.EnviroAfrica.co.za (under: Projects/For Public Participation/Kakamas). However, the draft EMPr was erroneously omitted from the website folder for the Kakamas plant and will be corrected shortly. A cd of the full post application BAR including the draft EMPr has been posted to your office. A hard copy is also available at the Local Kakamas Municipal Office.

Niel, please take note of the Google Earth insert in Appendix C (Facility illustration) of the post application BAR which indicates the proposed overhead powerline tie-in route from the solar PV facility (in red). It should be noted that your query regarding the overhead powerlines from the proposed facility, will be formally addressed in the final BAR but that the applicant has already indicated their legal obligation to honour the servitude in which the KHEP powerlines currently run which are not in close proximity to the proposed solar PV overhead powerline route.

Please note: You are invited to provide further comments/queries, if any, relating to the post application BAR. 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.

I trust this is in order. Should there be any queries, please do not hesitate to contact me.

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



Vivienne Thomson

From: Vivienne Thomson <vivienne@enviroafrica.co.za>
Sent: Tuesday, 20 June 2017 12:29 AM
To: 'melaniem@L2B.co.za'
Subject: KAKAMAS SOLAR PV FACILITY (DEA Reference Number: 14/12/16/3/3/1/1753)

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 (under: Projects/For Public Participation/Kakamas). A hard copy is also available at the Local Municipal Office. I&APs are invited to 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



ENVIRONMENTAL IMPACT ASSESSMENT PUBLIC PARTICIPATION PROCESS

POST APPLICATION: PROPOSED KAKAMAS SOLAR ENERGY FACILITY

(on leased area of the Kakamas Municipal Commonage in the
Kai!, Garib Local Municipality)

Department of Environmental Affairs Reference Number: 14/12/16/3/3/1/1755

Notice is hereby given of a public participation process in terms of the National Environmental Management 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 more than 1ha but less than 20ha of indigenous vegetation

EnviroAfrica cc has been appointed by Keren Energy Holdings, to undertake the EIA process for the proposed project. Environmental authorisation (EA) was originally granted by the Department of Environmental Affairs (DEA) for the above application on the 25th 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°47'14.71"S, 20°36'18.90"E, on Erf. 1654 Kakamas, within the Kai! 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 Taaiput 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 (under Projects/For Public Participation/Kakamas). A hard copy is also available at the Local Municipal Office. 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 20th 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 (Kakamas Solar PV)
P.O. Box 5367, HELDERBERG, 7135 or
Tel.: 021 851 1616 Fax: 086 512 0154 E-mail: admin@enviroafrica.co.za

PPP: POSTER & MAILDROP PLACEMENT REGISTER

PROJECT:	KAKAMAS SOLAR PV	AREA:	LEWIS KAKAMA
ADDRESS:	ERF. 1654 KAKAMAS		
CONTACT PERSON:	V THOMSON		
DATE	08.03.2017	DONE BY	V THOMSON / B DE WITT

POSTERS	
ADDRESS	DESCRIPTION
1. NORTH ENTRANCE TO MUNICIPAL COMPOUND	1 A2 POSTER DISPLAYED
2. KAI! GARIB LOCAL MUNICIPALITY	1x A3 poster + OBAR + letters
3. KAI! GARIB MUNICIPAL MANAGER	1x OBAR left with PA to Manager
4. ROAD TO SEWAGE TREATMENT PLANT/SOUTH END OF SITE	1x A3 poster on pole
5. ROAD TO ORANGE RIVER WINE CELLARS	1x A2 poster (NORTH END OF SITE)
6. ENTRANCE OFF N14	1x A2 poster DISPLAYED (SITE ACCESS)
7. AGRIMART	1x A3 poster DISPLAYED
8. Local Township/shop:	1x A3 poster displayed

MAILDROPS	
ADDRESS	DESCRIPTION
1. TRIPLE D FARM OFFICES (NEIGHBOUR)	10 mail drop letters left @ office
2. KAI! GARIB LOCAL MUNICIPALITY	15 mail drop letters left with cop. & post.
3.	PA to Municipal Manager said may make cop.
4. (ROAD TO SEWAGE PLANT/SOUTH END OF SITE	1x A3 poster displayed)
5. ORANGE RIVER WINE CELLARS	4 mail drop letters
6. Local Township shop:	5 mail drop letters
7. AGRIMART	4 mail drop letters
8. Mail Boxes/Deliveries to Jasper Str. #1 - 48	(on even side of street - direct neighbours to municipal land.)
9.	
10.	
11.	
12.	

Jorina Steenkamp

Tel: +27 (0)54 431 1568

PO Box 537
Kakamas 8870
South Africa

Cell: +27 (0)82 372 3457
Fax2mail: +27 (0)86 664 8228
E-mail: jorina@ddd farms.net



TRIPLE D FARMS (PTY) LTD

P.O. Box 5367
HELDERBERG 7135
Tel: (021) 851 1616
Fax: (086) 512 0154

29 St James St
Somerset West
CK 97/46008/23
VAT4870170513

No.	Title	Initials/Name	Surname	Affiliation	Postal Address	Town/City	Code	Telephone	Fax	E-mail
1. Applicant										
1.1	Mr	RR	Jansz v Rensburg	Roma Energy Kaimoes (Pty) Ltd	PO Box 73	Somerset West	7137	021 853 0269	021 853 0269	tuskert@absamail.co.za
2. Property/Land Owners:										
2.1	Mr		Lategaan	KALGARIB Municipality	Private Bag x6	Kakamas	8870	054 431 6300	054 431 6301	admin@kaigarib.co.za
3. Occupiers										
3.1		n/a		n/a	n/a	n/a				n/a
4. Municipality										
4.1	Mr		Jatjeaan	KALGARIB Municipality	Private Bag x6	Kakamas	8870	054 431 6300	054 431 6301	admin@kaigarib.co.za
4.2	The	Municipal	Manager	ZF Mgecawu District Municipality	Private Bag x6099	Upington	8800	054 337 2800	054 337 2888	
5. Municipal Ward Councillor										
5.1	Mr	M	Papier	KALGARIB Municipality	Private Bag x 6039	Upington	8800	054 337 2800	054 337 2888	hub@bodr.gov.za
	Ms	M	Bason	KALGARIB Municipality	Private Bag x6	Kakamas	8870	054 431 6300	054 431 6301	admin@kaigarib.co.za
	Ms	D	Flenties	KALGARIB Municipality	Private Bag x6	Kakamas	8870	054 431 6300	054 431 6301	admin@kaigarib.co.za
6. Ratepayers's association										
6.1	Mr									
7. State Organisations:										
7.1	Ms	G	Botha	Dept. Environmental and Nature Conservation	Private Bag X6010	Kimberley	8306	053 807 7900		
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	Ranwedza	Dept. of Water Affairs - Northern Cape	Private Bag x6101	Kimberley	8300		053 891 4534	
7.4	Mr	Clén	Stenekamp	Department of Water Affairs	28 Central Road	Beaconsfield, Kimberley	8300	(053) 836 7600 ext	053 842 3258	
7.5	Mr	Francois	Retief	Iskom North West Region	120 Henry Str	Westdene Bloemf	9301	051 404 2501		
7.6	Mr	Kevin	Lezak	Iskom	Po Box 1091	JHB	2001	072-888-9209		
7.7	Mr	Sebatso	Mohaphi	Department of Energy	Private Bag x6093	Kimberley	8300	053 836 4000	086 562 7065	
7.8	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	stroh@caa.co.za
7.10	Ms	E	Botse	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	Mr	Thobela Dikeni	Dikeni	Northern Cape Economic Development, Trade and Investment Promotion Assoc. (NCEPA)	2nd Floor, Tempair Court Building	Beau Street, Kimberley	8301	053 833 1503	053 833 1390	
7.13	Mrs	H	Sanson	NC - Economic Development and Tourism	Private Bag x6108	Kimberley	8300	053 839 4000	053 832 6805	
7.14	Ms	Anneliza	Collett	Department of Agriculture, Forestry and Fisheries	Private bag x120	Pretoria	0001	012 3197508	012 329 5938	AnnelizaC@nda.agric.za
7.15	Mr	J	Mans	Dept. of Agriculture, Forestry and Fisheries	PO Box 2782	Upington	8800	054 338586	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 3971		
8. Neighbours									
8.1	The Director		SKA Africa	3rd Floor, The Park, Park Road, Pinelands	Pinelands		021 506 7300	021 506 7375	
9. Other									
Ms	Anna	Strauss	Kalahari Bulletin				054 331 3482	086 271 3300	astrauss@volksblad.com



ENVIRONMENTAL IMPACT ASSESSMENT PUBLIC PARTICIPATION PROCESS
REAPPLICATION: PROPOSED KAKAMAS SOLAR ENERGY FACILITY
(on leased area of the Kakamas Municipal Commonage in the Kail, Garib Local Municipality)

Original Department of Environmental Affairs Reference Number: 12/12/20/2519
 Original National Environmental Authorisation System Reference Number: DEA/EIA/0001436/2012

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 ² 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°47'14.71"S, 20°36'18.90"E, on Erf. 1654 Kakamas, 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 Taaiput 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.

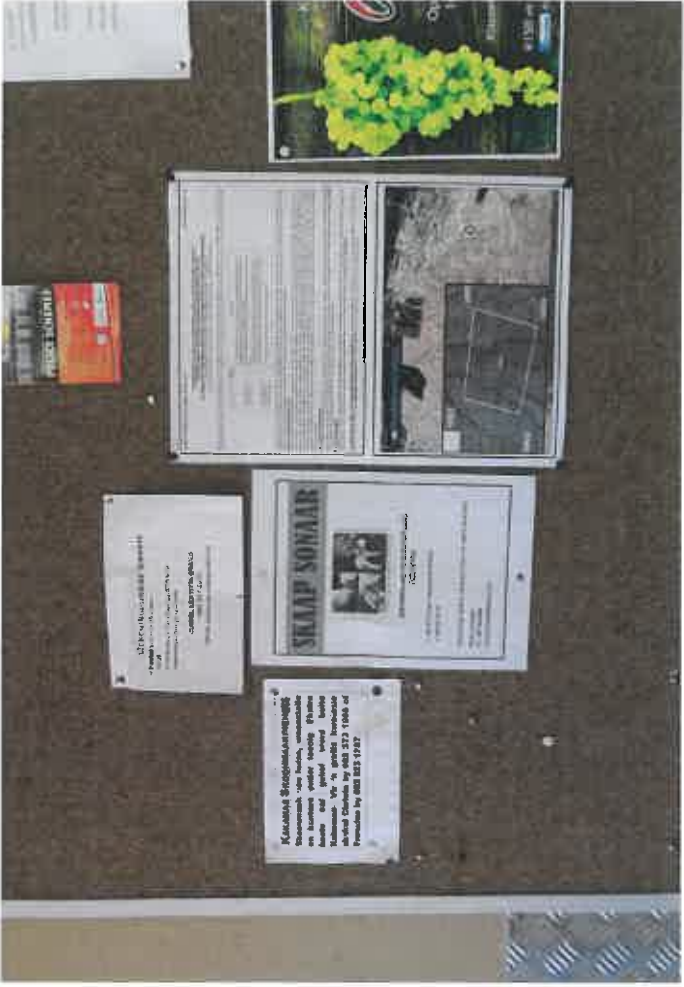
Public Participation:

Interested and Affected Parties (I&APs) are hereby notified of the availability of the DBAR at the following venues for comment/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 10th 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, 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.







**ENVIRONMENTAL IMPACT ASSESSMENT PUBLIC PARTICIPATION PROCESS
 REAPPLICATION: PROPOSED KAKAMAS SOLAR ENERGY FACILITY
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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. 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.

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



EnviroAfrica

*Environmental Management and Impact Assessment
Omgevingsbestuur en Impakbeoordeling*

KAKAMAS SOLAR PV FACILITY

APPLICANT: Keren Energy Kakamas (Pty) Ltd

POST-APPLICATION BAR COMMENT AND RESPONSE TRAIL REPORT

(DEA Ref. No: 14/12/16/3/3/1/1755)

No.	Date of Comment, Format of Comment, Organisation/I&AP	Comment	Response from EAP/Applicant/Specialist
1	<p>Date: 20/06/2017 Format: Email with attachments I&AP: Eskom – Mr. J.Geeringh. Snr. Consultant: Environmental Management, MegaWatt Park</p>	<p>Response received to second round of public participation – email with attached documents detailing Eskom's requirements for works and developments at or near Eskom infrastructure and servitudes.</p>	<p>EAP: Telephonically contacted Mr. Geeringh regarding inclusion of Eskom requirements in EMPr (re. two documents attached to Mr. Geeringh's emails response viz. two page word document listing Eskom servitude requirements and an Eskom 'Controlled Disclosure' procedure for renewable energy setbacks to Eskom infrastructure). Mr. Geeringh indicated that the two page word document may be used but not the procedure. Information and instructions included as Appendix 16 of EMPr.</p>
2	<p>Date: 03/07/2017 Format: Email I&AP: DAFF - Ms. J.Mans, Chief Forester (NFA Regulation)</p>	<p>Recommendation to draw up sensitivity maps overlays using the draft CBA map for the Northern Cape Province.</p>	<p>EAP: Communication with Biodiversity specialist, P.J.J. Botes of PB Consult, regarding recommendation from DAFF. Telephonic communication and email response from specialist received (after specialist communication with Ms. Mans of DAFF regarding recommendation). Refer to Appendix J9 of FBAR – email from specialist regarding DAFF comment on sensitive areas.</p>
3	<p>Date: 19/07/2017 Format: Email I&AP: Triple D Farms (Pty) Ltd</p>	<p>Request by PT Dykman to register Triple D Farms (Pty) Ltd as an I&AP</p>	<p>EAP: I&AP already registered from first round of public participation. I&AP informed of such via email.</p>

4	<p>Date: 25/07/2017 Format: Email with letter attached I&AP: SAHRA Final Comment – Mr. J.Gribble, Manager: Maritime and Underwater Cultural Heritage Unit/Acting Manager: Archaeology, Palaeontology and Meteorites Unit</p>	<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>EAP: Information and instructions captured in FBAR and included in EMPr.</p>
5	END OF TRAIL REPORT		



EnviroAfrica

*Environmental Management and Impact Assessment
Ongewingsbestuur en Impakbeoordeling*

KAKAMAS SOLAR PV FACILITY

APPLICANT: Keren Energy Kakamas (Pty) Ltd

DBAR COMMENT AND RESPONSE TRAIL REPORT

(DEA Ref. No: 14/12/16/3/3/1/1755)

No.	Date of Comment, Format of Comment, Organisation/I&AP	Comment	Response from EAP/Applicant/Specialist
1	Date: 08/03/2017 Format: Email I&AP: PT Dykman	Registration of individual as an I&AP	EAP: Registration acknowledged in writing (via email)
2	Date: 08/03/2017 Format: Email I&AP: Triple D Farms (Pty) Ltd	Registration of neighbouring organisation/business as an I&AP	EAP: Registration acknowledged in writing (via email)
3	Date: 08/03/2017 Format: Email I&AP: Kakamas Hydro Electric Power (KHEP)	<ul style="list-style-type: none"> i. Registration of neighbouring renewable energy business as an I&AP ii. Request by Niel Theron representing KHEP, for a direct internet link to access the DBAR iii. Query from Niel Theron as to the technology, installed capacity and size of grid connection to be used to tie in to Eskom's Taaiput substation iv. Acknowledgement/thanks from Niel Theron to EAP for response 	<p>EAP:</p> <ul style="list-style-type: none"> i. Registration of KHEP acknowledged in writing (via email) ii. Email response sending direct internet link to DBAR on EnviroAfrica's website iii. Email response to I&AP clarifying type of technology, installed capacity and size of grid connection; <p>Email request to Applicant for more detail regarding tie-in to include in post-application/FBAR.</p> <p>Applicant: Additional information on electrical tie-in for inclusion in FBAR provided to EAP. iv. Noted/no response required</p>
4	Date: 23/03/2017 Format: Email I&AP: Melanie Miles	<ul style="list-style-type: none"> i. Registration of individual as an I&AP ii. Request by Melanie Miles (Content Researcher for Leads 2 Business) for BID 	<p>EAP:</p> <ul style="list-style-type: none"> i. Registration of individual ii. Email response sending direct internet link to DBAR on EnviroAfrica's website
5	Date: 03/05/2017 Format: Letter (via email and post)	<p>Instruction that the following comment/queries must be addressed in the FBAR:</p> <ul style="list-style-type: none"> i. Query regarding exclusion of activity 27 of GN. 983 from DBAR when application form contain activity 27 of GN 983; 	<p>EAP:</p> <ul style="list-style-type: none"> i. Erroneous omission of activity 27 of GN. 932 corrected as per pg. 6 of post-application BAR;

<p>I&AP: DEA - Ms. N.Nkosi, (Case Officer), Mr. S. Malaza (Chief Director: Integrated Environmental Management), Ms. S. Dlomo (Deputy Director: Integrated Environmental Authorisations – Public Sector)</p>	<p>ii. Clarification regarding application for activity 32 of GN 983 and comment from DEA that the activity is, in fact, not applicable;</p> <p>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;</p> <p>iv. Request to complete socio-economic character and biodiversity section of BAR with summaries of specialist findings where required;</p> <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&APs and organs of state, copies of all comments received and a comments and response report including DEA comments;</p> <p>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&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>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;</p> <p>iii. Change in GN.983 to GN.327 and similarly listed activities included in post application BAR;</p> <p>iv. Section 6(a) and 7(b) of post application BAR completed with summaries of specialist findings where required;</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>
<p>6</p>	<p>END OF TRAIL REPORT</p>	

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



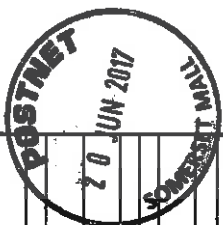
Environmental Monitoring and Record Services
 Omgevingsrekenaar en Impaktovername

POST APPLICATION BAR PUBLIC PARTICIPATION

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

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

Title		Initials/Name		Surname		Affiliation		Postal Address		Town/City		Code		Telephone		Fax		E-mail	
1. Applicant		Jenwe v Rensburg		Jenwe v Rensburg		Kreen Energy Kakamas (Pty) Ltd		PO Box 73		Bomkeset West		7137		021 853 0269		021 853 0269		wevers@kreenenergy.com	
2. Interested Parties		Lategan		Lategan		Municipal Manager, KaitCarrb Municipality		Private Bag 46		Kakamas		8870		054 461 6400		054 461 6401		mm@kairarb.gov.za or admin@kairarb.gov.za	
3. Commentors		n/a		n/a		n/a		n/a		n/a		n/a		n/a		n/a		n/a	
4. Municipality		Lategan		Lategan		Municipal Manager, KaitCarrb Municipality		Private Bag 46		Kakamas		8870		054 461 6400		054 461 6401		mm@kairarb.gov.za or admin@kairarb.gov.za	
5. Municipal Ward Councilors		Mokwe		Mokwe		Municipal Manager, KaitCarrb Municipality		Private Bag 46		Kakamas		8870		054 461 6400		054 461 6401		mm@kairarb.gov.za	
6. Stakeholders		Boots		Boots		Act. Head of Dept. - Dept. Environmental and Natural Conservation NC		Private Bag 4610		Kimberley		8306		053 807 7300		053 807 7328		boots@gnail.com	
7. Neighbours		Cawthra		Cawthra		Eskom Transmission		Mogamat Park, D1236 or P.O. Box 1091		Johannesburg		2001		072 488 2929		086 592 7065		cawthra@daf.gov.za	
8. Other		Theron		Theron		Kakamas Hydro Electric Power (89) (Pty) Ltd		Leit Office No. 6, The Woodmill Lifestyle Centre, Vredenburg Rd		Shalibanouch		7610		021 994 5001		021 994 5001		nie@hydro-sa.com	



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

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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. 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**

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

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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

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**

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

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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. 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)
- 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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Interested and Affected Parties (I&APs) are hereby notified of the availability of the post application BARs at 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**

- 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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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)
- DEA Reference Number: 14/12/16/3/3/1/1753 (Mount Roper)
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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

Vivienne Thomson

From: Vivienne Thomson <vivienne@enviroafrica.co.za>
Sent: Tuesday, 20 June 2017 1:01 AM
To: 'mayor@kaigarib.gov.za'
Subject: KAKAMAS SOLAR PV FACILITY (DEA Reference Number: 14/12/16/3/3/1/1755)

Dear Sir/Madam

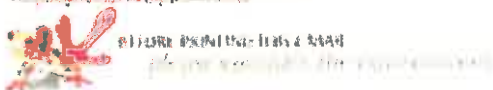
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Interested and Affected Parties (I&APs) are hereby notified of the availability of the post application BAR at www.EnviroAfrica.co.za (under Projects/For public participation/Kakamas). A hard copy is also available at the Local Municipal Office. I&APs 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



Vivienne Thomson

From: Vivienne Thomson <vivienne@enviroafrica.co.za>
Sent: Tuesday, 20 June 2017 12:59 AM
To: 'mm@zfm-dm.gov.za'
Subject: KAKAMAS SOLAR PV FACILITY (DEA Reference Number: 14/12/16/3/3/1/1755)

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 (under Projects/For public participation/Kakamas). 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



Vivienne Thomson

From: Vivienne Thomson <vivienne@enviroafrica.co.za>
Sent: Tuesday, 20 June 2017 12:56 AM
To: 'mm@kaigarib.gov.za'; 'admin@kaigarib.gov.za'
Subject: KAKAMAS SOLAR PV FACILITY (DEA Reference Number: 14/12/16/3/3/1/1755)

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 (under Projects/For public participation/Kakamas). A cd of the post application BAR was delivered 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



Vivienne Thomson

From: Vivienne Thomson <vivienne@enviroafrica.co.za>
Sent: Tuesday, 20 June 2017 12:45 AM
To: 'ThokoB@daff.gov.za'
Subject: KAKAMAS SOLAR PV FACILITY (DEA Reference Number: 14/12/16/3/3/1/1755)

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 (under Projects/For public participation/Kakamas). 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



Vivienne Thomson

From: Vivienne Thomson <vivienne@enviroafrica.co.za>
Sent: Tuesday, 20 June 2017 12:40 AM
To: 'jacolineMa@daff.gov.za'
Subject: KAKAMAS SOLAR PV FACILITY (DEA Reference Number: 14/12/16/3/3/1/1755)

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 (under Projects/For public participation/Kakamas). 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



Vivienne Thomson

From: Vivienne Thomson <vivienne@enviroafrica.co.za>
Sent: Tuesday, 20 June 2017 12:38 AM
To: 'AnnelizaC@nda.agric.za'
Subject: KAKAMAS SOLAR PV FACILITY (DEA Reference Number: 14/12/16/3/3/1/1755)

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 (under Projects/For public participation/Kakamas). 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



Vivienne Thomson

From: Vivienne Thomson <vivienne@enviroafrica.co.za>
Sent: Tuesday, 20 June 2017 12:34 AM
To: 'strohl@caa.co.za'
Subject: KAKAMAS SOLAR PV FACILITY (DEA Reference Number: 14/12/16/3/3/1/1755)

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



RECEIPT COPY FOR SIGNATURE/STAMP:

12 June 2017

Dear Sir/Madam

re.: Post-application BAR for the proposed KAKAMAS SOLAR PV FACILITY
(DEA Reference Number: 14/12/16/3/3/1/1755)

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 Kakamas Municipal Commonage in the KailGarib 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 original as well as updated 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

COPY OF ORIGINAL



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

Att: The Director

ENVIRONMENTAL IMPACT ASSESSMENT PUBLIC PARTICIPATION PROCESS
REAPPLICATION: PROPOSED KAKAMAS SOLAR ENERGY FACILITY
(on leased area of the Kakamas Municipal Commonage in the Kail, Garib Local Municipality)
Original Department of Environmental Affairs Reference Number: 12/12/20/2519
Original National Environmental Authorisation System Reference Number: DEA/EIA/0001436/2012

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 ² 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°47'14.71"S, 20°36'18.90"E, on Erf. 1654 Kakamas, 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 Taaiput 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/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 **10th 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, 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: Transport, Safety and Liaison
Private Bag X1368, Southey Chambers, Southey Street,
Kimberley
8300

Att: Ms L Wolfe

ENVIRONMENTAL IMPACT ASSESSMENT PUBLIC PARTICIPATION PROCESS
REAPPLICATION: PROPOSED KAKAMAS SOLAR ENERGY FACILITY
(on leased area of the Kakamas Municipal Commonage in the Kail, Garib Local Municipality)
Original Department of Environmental Affairs Reference Number: 12/12/20/2519
Original National Environmental Authorisation System Reference Number: DEA/EIA/0001436/2012

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 ² 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°47'14.71"S, 20°36'18.90"E, on Erf. 1654 Kakamas, 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 Taaiput substation.

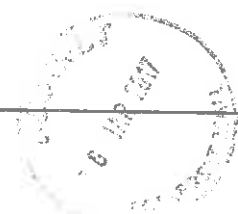
Description of Alternatives:

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SANRAL
Private Bag X19
Bellville
7535

9 March 2017

Att: Ms C Runkel

ENVIRONMENTAL IMPACT ASSESSMENT PUBLIC PARTICIPATION PROCESS
REAPPLICATION: PROPOSED KAKAMAS SOLAR ENERGY FACILITY
(on leased area of the Kakamas Municipal Commonage in the Kai! Garib Local Municipality)
Original Department of Environmental Affairs Reference Number: 12/12/20/2519
Original National Environmental Authorisation System Reference Number: DEA/EIA/0001436/2012

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Description of Alternatives:

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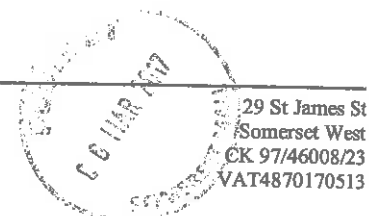
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P.O.Box 5367
HELDERBERG 7135
Tel: (021) 851 1616
Fax: (086) 512 0154

e-mail: admin@enviroafrica.co.za



Att: Ms J Mans

ENVIRONMENTAL IMPACT ASSESSMENT PUBLIC PARTICIPATION PROCESS
REAPPLICATION: PROPOSED KAKAMAS SOLAR ENERGY FACILITY
(on leased area of the Kakamas Municipal Commonage in the Kai! Garib Local Municipality)
Original Department of Environmental Affairs Reference Number: 12/12/20/2519
Original National Environmental Authorisation System Reference Number: DEA/EIA/0001436/2012

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

9 March 2017

Att: Ms A Collett

**ENVIRONMENTAL IMPACT ASSESSMENT PUBLIC PARTICIPATION PROCESS
REAPPLICATION: PROPOSED KAKAMAS SOLAR ENERGY FACILITY
(on leased area of the Kakamas Municipal Commonage in the Kail, Garib Local Municipality)**
Original Department of Environmental Affairs Reference Number: 12/12/20/2519
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	12	xii. The development of infrastructure or structures with a physical footprint of 100m ² or more.
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Att: Mrs H Samson

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(on leased area of the Kakamas Municipal Commonage in the Kail, Garib Local Municipality)
Original Department of Environmental Affairs Reference Number: 12/12/20/2519
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Northern Cape Economic Development, Trade and Investment Promotion Agency
2nd Floor, Templar Court Building,
Bean Street, Kimberley,
8301

Att: TD Dikeni

ENVIRONMENTAL IMPACT ASSESSMENT PUBLIC PARTICIPATION PROCESS
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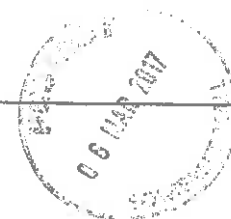
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Dept. of Transport, Roads & Public Works
PO Box 3132
Kimberley
8301

Att: Mr K Nogwill

ENVIRONMENTAL IMPACT ASSESSMENT PUBLIC PARTICIPATION PROCESS
REAPPLICATION: PROPOSED KAKAMAS SOLAR ENERGY FACILITY
(on leased area of the Kakamas Municipal Commonage in the Kall. Garib Local Municipality)
Original Department of Environmental Affairs Reference Number: 12/12/20/2519
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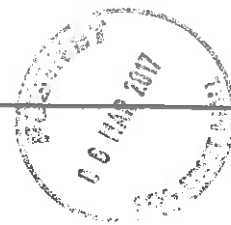
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Department Social Development
Private Bag X5042
Kimberley
8300

Att: Ms E Botes

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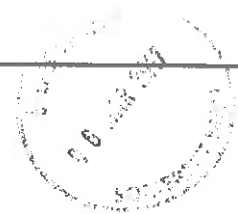
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Att: Ms G Botha

ENVIRONMENTAL IMPACT ASSESSMENT PUBLIC PARTICIPATION PROCESS
REAPPLICATION: PROPOSED KAKAMAS SOLAR ENERGY FACILITY
(on leased area of the Kakamas Municipal Commonage In the Kail, Garib Local Municipality)
Original Department of Environmental Affairs Reference Number: 12/12/20/2519
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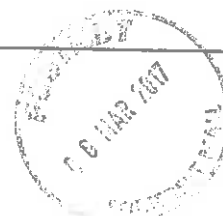
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Department of Energy
Private Bag X6093
Kimberley
8300

Att: S Mohaphi

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REAPPLICATION: PROPOSED KAKAMAS SOLAR ENERGY FACILITY
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ESKOM
PO Box 1091
JHB
2001

Att: Mr K Leask

ENVIRONMENTAL IMPACT ASSESSMENT PUBLIC PARTICIPATION PROCESS
REAPPLICATION: PROPOSED KAKAMAS SOLAR ENERGY FACILITY
(on leased area of the Kakamas Municipal Commonage in the Kai! Garib Local Municipality)
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ESKOM
120 Henry Street
Westdene Bloemfontein
9301

9 March 2017

Att: Mr F Retief

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P.O.Box 5367
HELDERBERG 7135
Tel: (021) 851 1616
Fax: (086) 512 0154

e-mail: admin@enviroafrica.co.za



29 St James St
Somerset West
CK 97/46008/23
VAT4870170513

Att: Mr G Steenkamp

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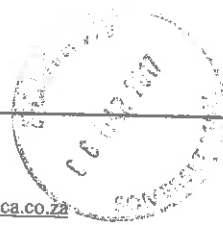
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Att: Ms M Ranwedzi

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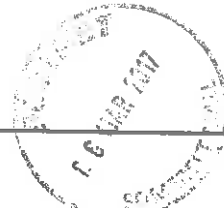
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Att: Mr W Mothibi

ENVIRONMENTAL IMPACT ASSESSMENT PUBLIC PARTICIPATION PROCESS
REAPPLICATION: PROPOSED KAKAMAS SOLAR ENERGY FACILITY
(on leased area of the Kakamas Municipal Commonage in the Kail, Garib Local Municipality)
Original Department of Environmental Affairs Reference Number: 12/12/20/2519
Original National Environmental Authorisation System Reference Number: DEA/EIA/0001436/2012

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	xi. The development of infrastructure or structures with a physical footprint of 100m ² 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°47'14.71"S, 20°36'18.90"E, on Erf. 1654 Kakamas, 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 Taaiput substation.

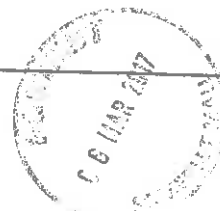
Description of Alternatives:

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/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 10th 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. 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.



**ENVIRONMENTAL IMPACT ASSESSMENT PUBLIC PARTICIPATION PROCESS
REAPPLICATION: PROPOSED KAKAMAS SOLAR ENERGY FACILITY**

(on leased area of the Kakamas Municipal Commonage in the Kai, Garib Local Municipality)

Original Department of Environmental Affairs Reference Number: 12/12/20/2519

Original National Environmental Authorisation System Reference Number: DEA/EIA/0001436/2012

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 ² 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°47'14.71"S, 20°36'18.90"E, on Erf. 1654 Kakamas, 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 Taaiput 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/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 10th 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, 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.

ENVIRONMENTAL IMPACT ASSESSMENT PUBLIC PARTICIPATION PROCESS

**POST APPLICATION:
PROPOSED KAKAMAS SOLAR ENERGY FACILITY**
(on leased area of the Kakamas Municipal Commonage in the
Kai!, Garib Local Municipality)

Department of Environmental Affairs Reference Number: 14/12/16/3/3/1/1755

Notice is hereby given of a public participation process in terms of the National Environmental Management 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 more than 1ha but less than 20ha of indigenous vegetation

EnviroAfrica cc has been appointed by Keren Energy Holdings, to undertake the EIA process for the proposed project. Environmental authorisation (EA) was originally granted by the Department of Environmental Affairs (DEA) for the above application on the 25th 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°47'14.71"S, 20°36'18.90"E, on Erf. 1654 Kakamas, within the Kai! 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 Taaiput 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 (under Projects/For Public Participation/Kakamas). A hard copy is also available at the Local Municipal Office. 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 20th 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 (Kakamas Solar PV)
P.O. Box 5367, HELDERBERG, 7135 or
Tel.: 021 851 1616 Fax: 086 512 0154 E-mail: admin@enviroafrica.co.za

WAYBILL COPY TAX INVOICE/POD



R 0 6 6 5 5 2 - 1

TO:

At Mahitse Shibane
 DEPARTMENT OF ENVIRONMENT
 ENVIRONMENT HOUSE
 473 STEVE BIKO
 PRETORIA
 0861112468



Co Reg No.
2008/03335307

VAT Reg No.
4760238283

ROUTE	
DATE	06/03/2017
TIME	18:37

CITY	DESCRIPTION OF CONTENTS AND PACKAGES	LEN	B	H	CM	MASS KG	TOTAL MASS KG	
2	Box goods CONFIRM PAYMENT ARCADIA	32	x	22	x	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

C.O.D.

FUEL SURCHARGE	60.88
DEL/COL SURCHARGE	0.00
G.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 which I/we acknowledge myself/ourselves to be fully accepted.

TERMS OF PAYMENT

(CPP999)
 CASH PREPAID

Cell: Reg 80130129
 ICE OF
 STANDARD CONDITIONS OF CONTRACT
 (S) SOLAR DBARS

COLLECTION NOTE NUMBER:	J055136	RECEIVED IN GOOD ORDER	DATE
	Bay No. 13	<i>C. G. G. G. G.</i>	<i>06/03/17</i>

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

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

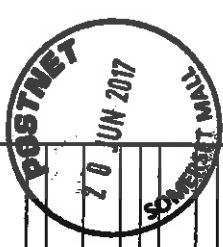
Appendix E-5: I&AP Lists



POST APPLICATION BAR PUBLIC PARTICIPATION

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

Title		Initials/Name	Surname	Affiliation	Postal Address	Town/City	Code	Telephone	Fac	Email
<p>1. Applicant 1.1 Mr CW James V Rensburg 2. Project/Lead Officers</p>										
2.1	Mr	JG	Lategan	Municipal Manager, KallGarb Municipality	Private Bag 46	Kalamas	8870	054 461 6400	054 461 6401	mun@kajgarib.gov.za or admin@kajgarib.gov.za
3	Consultant			n/a	n/a	n/a				n/a
<p>4. Municipality</p>										
4.1	Mr	JG	Lategan	Municipal Manager, KallGarb Municipality	Private Bag 46	Kalamas	8870	054 461 6400	054 461 6401	mun@kajgarib.gov.za or admin@kajgarib.gov.za
4.2	Mr	JJ	Olym	Meyers, Kalamas, KallGarb Municipality	Private Bag 46	Kalamas	8870	054 461 6400	054 461 6441	mayor@kajgarib.gov.za
4.3	Mr	Blas	Nicols	ZF Mgeawu District Municipality	Private Bag 46819	Upington	8800	054 337 2800	054 337 2889	mun@zfm-dm.gov.za
<p>5. Municipal Ward Council/Committee</p>										
5.1	Mr	J	MacKey	KallGarb Municipality	Private Bag 46	Kalamas	8869	054 461 6700	054 461 6401	mun@kajgarib.gov.za
5.2	Ms	M	Beeson	KallGarb Municipality	Private Bag 46	Kalamas	8870	054 461 6700	054 461 6401	mun@kajgarib.gov.za
5.3	Ms	D	Francis	KallGarb Municipality	Private Bag 46	Kalamas	8870	054 461 6700	054 461 6401	mun@kajgarib.gov.za
<p>6. Other Organisations</p>										
6.1	Ms	Elizabeth	Botas	Act. Head of Dept. - Dept. Environmental and Nature Conservation NC	Private Bag 4610	Kimberley	8306	053 807 7300	053 807 7378	bbotas@gmail.com
6.2	W		Methili	Agriculture, Land Reform and Rural Development	162 George Street	Kimberley	8300	053 839 9100	053 832 6328	
6.3	Mr	Mashudu	Kamwele	Dept. of Water and Sanitation - NC	Private Bag 46101	Kimberley	8300	053 836 9100	053 831 0351	
6.4	Clm		Stemkamp	Department of Water and Sanitation	28 Central Road, Bendorfield	Kimberley	8300	053 836 7000 ext 519	053 842 9258	
6.5	Mr	Francis	Relief	Ekoon North West Region	120 Henry Street, Wealdens	Kimberley	9001	051 404 2501		
6.6	Mr	Kerwin	Lesak	Ekoon	P. O. Box 1091	Johannesburg	2001	072-885-9229		
6.7	Mr	Schabane	Mchabhi	Department of Energy	Private Bag 46988	Kimberley	8300	053 836 4000	053 562 7065	
6.8	Ms	G	Boliba	Co-operative Governance, Human Settlements and Traditional Affairs	Private Bag 45805	Kimberley	8300	053 830 9422	053 831 6308	
6.9	Ms	Lizell	Stroh	South African Civilian Aviation Authority	Private Bag 473	Hallway House	1485	011 545 1232	011 545 1451	stroh@caa.co.za
6.10	Ms	E	Isaem	Social Development	Private Bag 20942	Kimberley	8300	053 874 9100	053 871 1062	
6.11	Mr	Kerwin	Nogwill	Dept. of Transport, Roads & Public Works	P. O. Box 3132	Kimberley	8301	053 859 2100	053 859 2251	
6.12	Thobela		Dikani	Northern Cape Economic Development, Trade and Investment Promotion Agency (NCEDA)	2nd Floor, Temple Court Building, Beun Street	Kimberley	8301	053 853 1393	053 853 1350	
6.13	Mrs	H	Senoon	NC - Economic Development and Tourism	Private Bag 46108	Kimberley	8300	053 839 4000	053 832 6865	
6.14	Ms	Annaliza	Collet	Department of Agriculture, Forestry and Fisheries	Private bag 4120	Pretoria	0001	012 3197938	012 329 5958	AnnalizaC@rda.agric.za
6.15	Mr	J	Mans	Dept. of Agriculture, Forestry and Fisheries	P. O. Box 2782	Upington	8800	054 338586	054 3344030	jscolin@maf.gov.za
6.16			Rumbel	SANRAL	P/Bag X 19	Bellville	7835			
6.17			Wolfs	Department: Transport, Safety and Liaison	Private Bag X1366, Southey Chambers, Southey Street,	Kimberley	8300	053 839 1700	053 839 1773	
6.18	The	Director.	General	Department of Environmental Affairs	Private Bag 447	Pretoria	0001	056 411 2468 /012 399 5408	012 359 3625	callcentre@environment.gov.za
6.19	Ms	Mashudu	Marobini	Dept. Agriculture, Forestry and Fisheries (Attention: Delegate of the Minister, Act 70 of 1970)	Private Bag X120	Pretoria	0001	012 319 7619		MashuduMa@daf.gov.za
6.20	Ms	Thoko	Mutholezi	Dept. Agriculture, Forestry and Fisheries; Agriland Liaison Office (Attention: Delegate of the Minister Act 70 of 1970)	DeJipen Building, Cnr. Annis Butha & Union Street, Office 270	Pretoria	0001	012 319 7654		ThokoB@daf.gov.za
6.21	The	Director	Geertingh	SKA Africa	3rd Floor, The Park, Park Road,	Pinelands	7405	021 506 7300	021 506 7275	
6.22	Mr	John	Geertingh	Ekoon Transmission	MonaVale Park, D1Y18 or P.O. Box 1091	Johannesburg	2000	011 516 7233	086 661 4064	john.geertingh@eskom.co.za
<p>7. Neighbours</p>										
7.1	Mr	P. T.	Dykonan	Individual	P.O. Box 837	Kalamas	8870	082 781 7577		plet@ddfarmers.net
7.2	The	Managing Director	Thoko D Juma (Pty) Ltd	Individual	P.O. Box 237	Kalamas	8870	054 431 1568		plet@ddfarmers.net
7.3	Maiden(s)/delivery driver for all homes along outer edge of Jipen Street									
7.4	Maiden(s)/ delivery driver for all homes along outer edge of Tiroong Street									
7.6	Mr	Ntsh	Thoron	Kalamas Hydro Electric Power (Pty) Ltd	Leaf Office No. 6, The Woodmill Lifestyle Centre, Vredenberg Rd	Stellenbosch	7600	021 934 5501		nle@hydro-sa.com
<p>8. Other</p>										
8.1	Ms	Anna	Stross	Kaluard Bulletin				054 331 5482	086 271 3000	astruss@volksblad.com
8.2	Ms	Melanie	Miles	Leafs 2 Business				086 083 6337	083 345 5882	melanie@l2b.co.za



Appendix E-6: Correspondence and Minutes of Meetings



Enquiries: Natasha Higgitt
Tel: 021 462 4502
Email: nhiggitt@sahra.org.za
CaseID: 11217

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°47'14.71"S, 20°36'18.90"E, on Erf. 1654 Kakamas, 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 Taaiput substation.

Enviro Africa CC has been appointed by Keren Energy Kakamas (Pty) Ltd to conduct a Basic Assessment Process in support of an Environmental Authorisation (EA) Application for the Proposed Solar PV Plant on Erf. 1654 Kakamas, within the Kai! Garib Local Municipality, District Siyanda, 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 3 phase powerline connection to the Taaiput 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 Kakamas Solar Energy Farm on Erf 1654 Kakamas, Northern Cape.

**KAKAMAS (ERF. 1654, KAKAMAS, KAI! GARIB LOCAL MUNICIPALITY,
NORTHERN CAPE PROVINCE) PROPOSED SOLAR PV PLANT APPLICANT:
KEREN ENERGY KAKAMAS (PTY) LTD**

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
South African Heritage Resources Agency | 111 Harrington Street | Cape Town
P.O. Box 4637 | Cape Town | 8001
www.sahra.org.za

Enquiries: Natasha Higgitt
Tel: 021 462 4502
Email: nhiggitt@sahra.org.za
CaseID: 11217

Date: Monday July 24, 2017
Page No: 2

An assessment of the project area was conducted in 2012 where mostly Later Stone Age (LSA) and Middle Stone Age (MSA) artefacts were identified, dispersed over the surface of the development area. The heritage resources were graded as having a low (Grade 3C) significance rating.

The project area was resurveyed in 2017, and 15 occurrences of Stone Age artefacts, including a collection of late 19th/20th century porcelain were identified within the proposed development area. All of these occurrences were graded as having low (Grade 3C) significance rating.

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

- No mitigation is required; and
- 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 Solar Plant on Erf 1654, Kakamas, Kai Garib Municipality, Northern Cape.

The proposed development area is underlain by unfossiliferous rocks from the Namaqua-Natal Province. These rocks are overlain by Late Caenozoic sandy soils, surface gravels and possible calcrete of low palaeontological sensitivity. Deposits of Late Tertiary Orange River alluvial gravels may occur however this is unlikely. The overall impact to palaeontological resources is 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 excavations deeper (>1 m) 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 Programme (EMPr) for the solar project.

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
South African Heritage Resources Agency | 111 Harrington Street | Cape Town
P.O. Box 4637 | Cape Town | 8001
www.sahra.org.za

Enquiries: Natasha Higgitt
Tel: 021 462 4502
Email: nhiggitt@sahra.org.za
CaseID: 11217

Date: Monday July 24, 2017
Page No: 3

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

**KAKAMAS (ERF. 1654, KAKAMAS, KAI! GARIB LOCAL MUNICIPALITY,
NORTHERN CAPE PROVINCE) PROPOSED SOLAR PV PLANT APPLICANT:
KEREN ENERGY KAKAMAS (PTY) LTD**

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
South African Heritage Resources Agency | 111 Harrington Street | Cape Town
P.O. Box 4637 | Cape town | 8001
www.sahra.org.za

Enquiries: Natasha Higgitt
Tel: 021 462 4502
Email: nhiggitt@sahra.org.za
CaseID: 11217

Date: Monday July 24, 2017
Page No: 4

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/404303>
(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: Wednesday, 19 July 2017 11:28 AM
To: 'Vivienne Thomson'
Subject: FW: INTERESTED & AFFECTED PARTY REGISTRATION: TRIPLE D FARMS Keren Kakamas

Belinda Waters



EnviroAfrica

Office Manager

EnviroAfrica cc

p: +27 21 851 1616

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

w: www.enviroafrica.co.za e: admin@enviroafrica.co.za

From: Piet Dykman [mailto:piet@ddd-farms.net]
Sent: 19 July 2017 11:23 AM
To: admin@enviroafrica.co.za
Cc: 'Jaco van Tonder'; 'Liza Esterhuizen'
Subject: INTERESTED & AFFECTED PARTY REGISTRATION: TRIPLE D FARMS

TO WHOM IT MAY CONCERN

I hereby register Triple D Farms Pty Ltd as an Interested & Affected Party in the Keren Energy Kakamas Pty Ltd project referred to as Proposed Kakamas Solar Energy Facility.

Our interest is because the facility is planned to take place on neighbouring land.

Preferred method of communication is by registered mail.

Best regards



Pieter Dykman *Managing Director*

Work: +27 (0) 54 431 1568 | Mobile: +27 (0) 82 781 7527

Email: piet@ddd-farms.net | Skype: [pi-dykman](#)

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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) 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
E-mail: JacolineMa@daff.gov.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: KAKAMAS SOLAR PV FACILITY (DEA Reference Number: 14/12/16/3/3/1/1755)
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: KAKAMAS SOLAR PV FACILITY (DEA Reference Number: 14/12/16/3/3/1/1755)

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 (under Projects/For public participation/Kakamas). 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



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

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

RECEIPT COPY FOR SIGNATURE/STAMP:

12 June 2017

Dear Sir/Madam

re.: Post-application BAR for the proposed KAKAMAS SOLAR PV FACILITY
(DEA Reference Number: 14/12/16/3/3/1/1755)

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 Kakamas 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 original as well as updated 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

COPY OF ORIGINAL



June 2017

Dear Sir/Madam

re.: **Post-application BAR for the proposed KAKAMAS SOLAR PV FACILITY**
(DEA Reference Number: 14/12/16/3/3/1/1755)

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 Kakamas Municipal Commonage in the KailGarib Local Municipality.

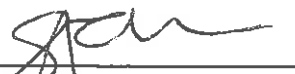
As part of the EIA process, EnviroAfrica is undertaking a second round of full public participation with the post-application Basic Assessment Report (BAR) since it contains specialist reports and environmental management programme information which was not in the draft BAR circulated for comments in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

To this end, we request that the hardcopy of the post-application BAR accompanying this letter i.e. Kakamas 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 Kakamas Municipal Offices. We further request that the information poster be displayed publicly in your offices until the 20th 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 Valerie Spronk hereby agree to placing the hardcopy Kakamas 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 19th June 2017 to the 20 July 2017.


Signature

12 JUNE 2017
Date

Stamp(if available):

Thank you.

Vivienne Thomson

From: EnviroAfrica :Admin <admin@enviroafrica.co.za>
Sent: Thursday, 11 May 2017 3:05 PM
To: 'Vivienne Thomson'
Subject: FW: 14/12/16/3/3/1/1755 kakamas
Attachments: 00206B9F7B84170511145621.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: 11 May 2017 03:00 PM
To: admin@enviroafrica.co.za; weyers@kerenergy.com; weyers@kerenenergy.com
Cc: Matlhodi Mogorosi; ElAdmin
Subject: 14/12/16/3/3/1/1755

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

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environmental affairs

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DEA Reference: 14/12/16/3/3/1/1755

Enquiries: Ms Mathodi Mogorosi

Telephone: (012) 399 9388 E-mail: mmogorosi@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

PER MAIL / E-MAIL

Dear Mr de Witt

COMMENTS ON THE DRAFT BASIC ASSESSMENT REPORT FOR THE PROPOSED KAKAMAS SOLAR PV FACILITY WITH ASSOCIATED INFRASTRUCTURE ON ERF 1654, WITHIN THE 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 four listed activities (Activities 1(ii), 12(xii)(c), 27 and 32 of GN R. 983) are triggered by the proposed project; however the draft BAR submitted has only two listed activities, as Activities 12 (xii)(c) and 27 of GN R. 983 have been excluded. You are therefore required to provide clarity on why these two activities are 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 25 January 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

Sections 6(a) (Socio-economic character) and 7(b) (Biodiversity) of the BAR are 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: Recommendations 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 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 organs of state;
- 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. The Public Participation Process must be conducted in terms of Regulation 39, 40, 41, 42, 43 & 44 of the EIA Regulations, 2014.

(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 is 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.

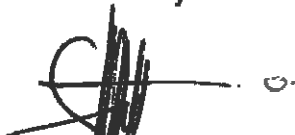
You are requested to submit two (2) unprotected electronic copies (CD/DVD and two (2) hard copies of the BAR to the Department as per Regulation 23(1) of the EIA Regulations, 2014.

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: 09/05/2017

cc:	Mr Cornelius Weyers Janse van Rensburg	Keren Energy Kakamas (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:

Date of Comment, format of Comment Name of Organisation/I&AP,	Comment	Response from EAP/Applicant/Specialist
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



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: 14/12/16/3/3/1/1755
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 KAKAMAS SOLAR PV FACILITY WITH ASSOCIATED INFRASTRUCTURE ON ERF 1654 KAKAMAS, 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	Comelius Weyers Janse van Rensburg	Keren Energy Kakamas (Pty) Ltd	Email: weyers@kerenenergy.com
	G Botha	Northern Cape Department of Environment and Nature Conservation	Email: none provided
	L G Lategaan	Ka! Garib Local Municipality	Email: admin@kaigarib.gov.za

Munisipaliteit **Kai !Garib** Municipality

Munisipale Gebou
11^{de} Laan
Tel 054 461 6700
Faks 054 461 6401
E-Pos:
admin@kaigarib.gov.za
Privaatsak X 6
KAKAMAS
8870
BTW Reg Nr. 4170193371



Mnr V McPherson
Handels with this case

Municipal Building
11th Avenue
Tel 054 461 6700
Fax 054 461 6401
E-Mail: admin@kaigarib.gov.za
Private Bag X 6
KAKAMAS
8870
VAT Reg No. 4170193371

4 April 2017

Ref. no: 15.2.9..6

The Environmental Impact Practitioner
EnviroAfrica
29 St James Street
SOMERSET WEST
7135

BASIC ASSESSMENT REPORT: KEREN ENERGY KAKAMAS

This office herewith acknowledge receipt of the Basic Assessment Report in terms of the National Environmental Management Act (NEMA), 1998 (act 107 of 1998), and the Environmental Impact Assessment Regulations (2014) in terms thereof. We further take note that the EIA-application is a reapplication of an authorisation that has been granted in January 2013 under reference DEA/EIA/0001436/2012.

This office therefore register as an interested and affected party to this reapplication and would kindly receive all documents submitted in this process and be taken up in the register of interested and affected parties.

Yours sincerely

V P McPherson (Town Planner: Kai !Garib Municipality)

J Mackay (Director Planning and Development: Kai !Garib Municipality)

J G Lategan (Acting Municipal Manager: Kai !Garib Municipality)

Vivienne Thomson

From: Niel Theron <niel@khep.co.za>
Sent: Friday, 17 March 2017 11:11 AM
To: 'Vivienne Thomson'
Subject: RE: Solar photovoltaic (PV) facility in Kakamas

Thank you Vivienne

Niel Theron



Loft Office No. 6, The Woodmill Lifestyle Centre, Vredenburg Road, Stellenbosch, 7600
P O Box 428, Tableview, 7439
Tel: +27 21 934 5501/3
Fax: +27 (0)86 520 8648
Web: www.hydro-sa.com

From: Vivienne Thomson [mailto:vivienne@enviroafrica.co.za]
Sent: Friday, 17 March 2017 11:07 AM
To: 'Niel Theron' <niel@khep.co.za>
Subject: RE: Solar photovoltaic (PV) facility in Kakamas

Hi Niel

The specialist report you refer to was from 2012 when the client was proposing a larger MW CPV – the original authorisation received was actually for a 5-7 MW facility but not more than 10MW which is why the original specialist report probably referred to it as a 10MW facility. However, as mentioned in the current draft BAR, reassessed/revised specialist assessments and a new overall impact assessment will be done for the current application which is definitely for a solar PV facility with an installed capacity of 5MW_{ac} (note the technology change from CPV to PV).

The applicant proposes a 22kV grid connection. Details for the tie-in/feed into Eskom's grid, as well as the route of the overhead lines and position of the dead-end structure adjacent to the feeder bay Eskom's Taaipit substation will be included in the Final BAR for comment.

Thanks,
Vivienne
Mobile: +2782 464 2874



From: Niel Theron [mailto:niel@khep.co.za]
Sent: Friday, 17 March 2017 10:33 AM

To: 'Vivienne Thomson' <vivienne@enviroafrica.co.za>
Subject: RE: Solar photovoltaic (PV) facility in Kakamas

Hi Vivienne

Please see the attached document, which alludes to a 10MW CPV development, which to my mind is contradictory to your description of the project.

Can you please clarify what technology and installed capacity you propose to construct. Also could you advise as to the size of Grid Connection you will be seeking from Eskom at Taaiput?

Regards

Niel Theron



Loft Office No. 6, The Woodmill Lifestyle Centre, Vredenburg Road, Stellenbosch, 7600
P O Box 428, Tableview, 7439
Tel: +27 21 934 5501/3
Fax: +27 (0)86 520 8648
Web: www.hydro-sa.com

From: Vivienne Thomson [<mailto:vivienne@enviroafrica.co.za>]
Sent: Friday, 17 March 2017 9:19 AM
To: 'Niel Theron' <niel@khep.co.za>
Cc: gail@hydro-sa.com; 'Florian_3Energy' <florian@3energy.co.za>; Bernard de witt <bernard@enviroafrica.co.za>
Subject: RE: Solar photovoltaic (PV) facility in Kakamas

Dear Mr. Theron

You are correct! :-) KHEP was registered as an I&AP with you as the main contact, before I sent you the mail below.

Please find a link to the draft BAR – it is item '3' in the list of pdf files.

<http://www.enviroafrica.co.za/solar-energy.html>

Thanks,
Vivienne
Telephone: +2721 851 161
Email: vivienne@enviroafrica.co.za



From: Niel Theron [<mailto:niel@khep.co.za>]
Sent: Thursday, 16 March 2017 3:19 PM
To: 'Vivienne Thomson' <vivienne@enviroafrica.co.za>
Cc: gail@hydro-sa.com; 'Florian_3Energy' <florian@3energy.co.za>
Subject: RE: Solar photovoltaic (PV) facility in Kakamas

Dear Vivienne

Thank you for your mail and notification. I have copied our Asset Manager in this email and request him to have a look at your proposed project and any impacts it may have on our project.

I presume by your notice that KHEP has now been registered as an I&AP; if not, it would be appreciated if you could register us, with me as main contact as per the title block below.

It would however be very beneficial if you could provide me with the link to the DBAR, as it would save me the time of searching for the document.

Kind Regards

Niel Theron



Loft Office No. 6, The Woodmill Lifestyle Centre, Vredenburg Road, Stellenbosch, 7600
P O Box 428, Tableview, 7439
Tel: +27 21 934 5501/3
Fax: +27 (0)86 520 8648
Web: www.hydro-sa.com

From: Vivienne Thomson [<mailto:vivienne@enviroafrica.co.za>]
Sent: Thursday, 16 March 2017 2:12 PM
To: niel@hydro-sa.com
Cc: gail@hydro-sa.com
Subject: Solar photovoltaic (PV) facility in Kakamas

Dear Mr. Theron

Keren Energy Kakamas (Pty) Ltd proposes to establish a 5MW solar photovoltaic (PV) facility with a development footprint not exceeding 20ha, on leased area of the Kakamas Municipal Commonage in the Kail, Garib Local Municipality in the Northern Cape Province. EnviroAfrica CC has been appointed by Keren Energy Holdings (Pty) Ltd, to undertake the Environmental Impact Assessment reapplication process for the proposed development. Environmental authorisation (EA) was originally granted by the Department of Environmental Affairs (DEA) for the above application on the 25th January 2013 but the EA expired before physical work on the site could commence. To continue with the development, reapplication for an EA is required. Original DEA Reference Number: 12/12/20/2519 (NEAS Ref: DEA/EIA/0001436/2012).

In a pre-reapplication meeting held with the DEA last year, EnviroAfrica and the applicant were informed that due to this being a reapplication process, only one round of public participation for the Final Basic Assessment Report (BAR) which must include reassessed specialist and impact assessments, would be required. However, in the interest of a thorough and transparent process, EnviroAfrica is conducting two rounds of public participation - the first round running concurrently with the issuing of a Draft BAR which contains summaries of the original specialist and impact assessments.

At our recent site visit, EnviroAfrica noticed Gunnar substation which services the Hydro-SA Kakamas hydro-electric power station. While the actual PV facility is not adjacent to the Hydro-SA Kakamas hydro-electric power station, the proposed PV facility's electrical tie-in to feed into Eskom's Taaipit substation will neighbour transmission lines from the hydro-electric power station, as well as Gunnar substation. We would, therefore, specifically like to inform you of the first round of public participation and availability of the Draft BAR as per the attached advertisement.

Should you have any queries, please do not hesitate to contact me.

Thank you,

Vivienne Thomson

Telephone: +2721 851 161

Email: vivienne@enviroafrica.co.za



SOUTH AFRICAN



Postal Address:
Manga Lekunze
10th Floor
Walter Sisulu
Cape Town
7800

Postal Address:
Private Bag 73
Kilnburg
1005

Telephone Number:
021 545 1028

Fax Number:
021 545 1065

E-mail Address:
caa@caa.co.za

Website Address:
www.caa.co.za

Keren Energy Holdings (Pty) Ltd
Reg No : 2012/036707/07
PO Box 73
Somerset Mall
7135

Enquiries: C Isherwood
Tel. 011 545 1028
isherwoodc@caa.co.za

14 June 2012

CAA-2012-06-Sol015

Attention: Jerry Avis

Approved: Proposed Kakamas Keren Energy Solar PV Plant in the Northern Cape Province.

After evaluating the site position and reviewing the information received on 13 June 2012, the CAA has no objection to the proposed energy facility subject to a maximum height of 14m above ground level, and a maximum height of 9,0m for the overhead electric power transmission line. Note that this SACAA letter of no objection does not substitute or replace other approvals which may be required by the applicant.

Yours truly,

A handwritten signature in black ink, appearing to read "K. Pretorius".



Koos Pretorius
Acting Manager AOG
Air Navigation Services

Tel: 011 545 1066 | Fax: 011 545 1282 | Cell: 083 451 2657 | Email: pretoriusk@caa.co.za | www.caa.co.za