Appendix F2 – Proof of Public Participation



Original letter date: 06 March 2020 Email notifications: 09 March 2020 Current letter date: 13 March 2020

Dear Interested and Affected Party

re.: Draft Basic Assessment Report (DBAR) for the Proposed Visserspan Solar PV Facilities (Projects 1 to 4), Dealesville on Visserspan Farm No. 40, Tokologo Local Municipality, Free State Province

You are on our database as an interested and affected party (I&AP) for the four above-mentioned proposed projects.

Please find, for your perusal and comment, an electronic copy for each of the four proposed Visserspan Solar PV Facilities on Visserspan Farm No. 40, Tokologo Local Municipality, Free State Province (near Dealesville). Hardcopies of these reports will be available for viewing at BKB in Dealesville from Tuesday 10 March 2020

Please note that the enclosed cds contain the DBAR ,as well as all appendices and specialist studies, <u>including a visual impact assessment with simulated depictions of what the Visserspan</u> <u>Solar PV Facility will look like</u> from different roads and viewpoints, <u>if</u> it receives authorisation and is built.

Please note that this information is also available on EnviroAfrica's website at www.enviroafrica/ projects/current then scroll down to Visserspan Solar Facility - Project (number) DBAR. If you provided us with an email address, then an email regarding this has also been sent to you.

Should you have any comments queries or concerns regarding the project, please notify EnviroAfrica in writing by **15 April 2020**, at the contact details below.

Please also inform and encourage any other parties you feel may be interested in, or affected by, the proposed developments, to register as part of this process. Future correspondence will be sent to registered I&APs.

I trust everything is in order and look forward to your valued input.

Yours sincerely, Vivienne Thomson Environmental Consultant EnviroAfrica CC

06 March 2020



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re.: Draft Basic Assessment Report (DBAR) for the Proposed Visserspan Solar PV Facilities (Projects 1 to 4), Dealesville on Visserspan Farm No. 40, Tokologo Local Municipality, Free State Province

You are on our database as an interested and affected party (I&AP) for the four above-mentioned proposed projects.

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Yours sincerely,

Vivienne Thomson Environmental Consultant EnviroAfrica CC



06 March 2020

Department of Environment, Forestry and Fisheries Attention: Chief Director (Integrated Environmental Authorisations) Environment House 473 Steve Biko Road Arcadia 0083

Dear Sir/Madam

re.: Application and Draft Basic Assessment Report (DBAR) for the Proposed Visserspan Solar PV Facility - Project 1, Dealesville on Visserspan Farm No. 40, Tokologo Local Municipality, Free State Province (DEA Ref. No.: To be provided)

Please find attached, two (2) hardcopies and two (2) digital copies of the application and DBAR in terms of the NEMA EIA Regulations,2014 for the above proposed project.

Please note one of the hardcopies of the application form and the DBAR, is the original. Also note that the DBAR is made up of two (2) volumes.

The documents on the enclosed cd are also available on EnviroAfrica's website at <u>www.enviroafrica.co.za</u> under "Projects/For Public Participation".

Should you have any comments queries or concerns regarding the project, please notify EnviroAfrica in writing by **15 April 2020**, at the contact details below.

I trust everything is in order and look forward to your valued input.

Yours sincerely,

Vivienne Thomson Environmental Consultant EnviroAfrica CC



VENTURA RENEWABLE ENERGY (PTY) LTD ENVIROAFRICA CC VENTURA RENEWABLE ENERGY (PTY) LTD ENVIROAFRICA CO ENVIRONMENTAL IMPACT ASSESSMENT PRE-APPLICATION PUBLIC PARTICIPATION PROCESS ENVIRONMENTAL IMPACT ASSESSMENT PRE-APPLICATION PUBLIC PARTICIPATION PROCESS **PROPOSED VISSERSPAN SOLAR PV FACILITY PROJECT 3 PROPOSED VISSERSPAN SOLAR PV FACILITY PROJECT 2** (on Farm Visserspan No. 40, near Dealesville, Tokologo Local Municipality, Lejweleputswa District Municipality, Free State Province) Department of Environmental Affairs Reforence Number: To be provided (on Farm Visserspan No. 49, near Dealesville, Tokologo Local Nunicipality, Lejweleputawa District Nunicipality, Free State Province) Department of Environmental Afleira Reference Number: To be provided Notice is hereby given of the pre-application public participation process in terms of the National Environmental Management Act, No. 107 of 1998 (NEMA) and the Environmental Impact Assessment (EIA) Regulations (2014), as well as the National Water Act, No. 36 of 1998 (NWA). Notice is hereby given of the pre-application public participation process in terms of the National Environmental Management Act, No. 107 of 1996 (NEMA) and the Environmental Impact Assessment (EIA) Regulations (2014), as well as the National Water Act, No. 36 of 1998 (NWA). To be included Description in Legislation To be included Description in Legislation Relevant Act/Notice and Activity No. evant Act/Notice and Activity No. It is the Included In Application Activity No. 12(xti)(c) The development of infrastructure or structures with a physical factorist of 500m² or more where such development occurs if no development setback exists, within 32m of a watercourse, measured from the edge of a watercourse. The development of facilities or infrastructure for the generation of electricity from In Application Possibly NEMA, EIA Regulations Listing Notice 1 of 2014 (GN, R. 327), Activity No. 12(xii)(c) The development of infrastructure or structures with a physical footprint of 100m² or more where such development occurs if no development actuack exists, within or more where auch development occurs in no development setback edds, within 32m of a wateroune, measured from the edge of a waterocurse. The development of facilities or infrastructure for the generation of electricity from a renewable resource where the electricity output is 20 megawatts (MW) or more. The clorence of an area of 20th or more of infigenous vegetation. NEMA, EtA Regulations Listing Notice 2 of 2014 (GN. R. 325), NEMA, EIA Regulations Listing Notice 2 of 2014 (GN, R. 325). Vac a renewable resource where the electricity output is 20 megawatts (MW) or more The clearance of an area of 20ha or more of indicances vecetation Activity No. 1 NEMA, EIA Regulations Listing Notice 2 of 2014 (GN. R. 325), Vee Activity, No. 1 NEMA, EIA Regulations Listing Notice 2 of 2014 (GN. R. 325), Yes Activity No. 15 NEMA, EIA Regulations Listing Notice 3 of 2014 (GN. R. 324), The development of reservoirs, excluding dams, with a capacity of more than Activity No. 15 NEMA, EIA Regulations Listing Notice 3 of 2014 (GN. R. 324), Dessible The development of reservoirs, excluding dams, with a capacity of more then Possibh Activity No. 2 NWA, Section 21(a) NWA, Section 21(b) NWA, Section 21(c) NWA, Section 21(c) NWA, Section 21(i) The development of reservoirs, excluding dams, with a cap 250 cubic metros, Taking water from a water resource Storing water Impeding or diverting the flow of water in a watercourse Altering the bod, banks or characteristics of a watercourse Activity No. 2 NWA, Section 21(a) NWA, Section 21(b) NWA, Section 21(c) NWA, Section 21(c) The development or reservoirs, excluding dams, with a 250 cubic metres. Taking water from a water resource Storthy water Impeding or diverting the flow of water in a watercourse Altering the bed, banks or characteristics of a watercourse Possibly Possibly Possible Possible Possible
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 Posted Location and Dascritishin: The proposed development table is located at 28*36*0,13*5, 28*434.46*E (estimated central point), on the Farm Vissenspan No. 40, approximately 10km notifivest of Daslavilie and Edbarm for the Elevantinian, in the Fare State Province. The proposed development is a solar photovoltaic (PV) array covering an sex of arrund: 225.h. circumscritishin: finance construction stating area, maintannos theds. The reacts and area for non. The YT tables within a set of arrund: building alt within the 2258 development is also development and an eventment and the approximately 500mm above ground level and will have statig acts stating area. Institutement tables and construction altions and tables within the 2258 development and the advectore at tables are finand construction stating area. Institutement bades and finance tables and the approximately 500mm above ground level and found the proposed development and an overhead poweritine from the PV array for connection to the proves development and the proposed development at the anal and an overhead poweritine from the PV array for connection to the power grid, at Eakom's Persus substation, south of the proposed development at the set of the proposed development at the subort of the proposed development at the set of the proposed develo EnviroAfrica CC has been appointed by Ventura Renewable Energy (Pty) Ltd, undertate fee the ELA-reapplication process for the above proposed project. As part of the application for an environmental subtraction, a basic assessment report (BAR) is required shoe, although it is for a large scale solar photovoltaic (PV) facility capable of generating of more than 20MW but less than 100MW of electricity, the proposed development falls within renewable energy development zone S and therefore, 6N, 350 of 2017 applies. S and therefore, ON, 350 d2017 applies. <u>Protecl.Location and Description</u>: The proposed development ate is located at 2*3518.83*5, 25*44'30.53*E (estimated central point), on the Farm Vasaerspan No. 40, approximately 10mm nortwest of Dealewille and 68 m nortwest of Bleamontain, in the Free State Province. The proposed development is a solar photovolatic P(P) array covering an area of around 222/b, circumscribed with a perimiter fire access read and fence. The PV lables will be raised approximately 500mm above ground level and will have single actis backing systems allowing the generation of not more than 100MW of latentiating carrent. Proposed associated infrastructure ladudes a fenced construction staging area, maintenance shedit, investmentar tansfors on concrule pads and office buildings all within the 222ba proposed development lete locations, south of the proposed development site. Description of Athematichana: Due to proximity the Estom substation, constructure and and on their renewable energy developmental proposed developments, allamative sales do not ceids. 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Description of Alernatives; Due to provinity to the Exions ubstation, consent use of land and other renewable energy developments/proposed developments, alternative sites do not exist. Nowever, alternative options which include literate all entertive PV technology, layout options and the option of not proceeding with the proposed development at all (The No-Co option) are considered within the Draft Basic Assessment (Taport (DBARY) (BDARY) and specialis reports and with undergo a nutrue all (Ibn No-Go option) are considered within the Draft Basic Assessment Report (DBAR). The DBAR will include specialist reports and will undergo a further <u>Public Participation</u>: Interested and Affloted Parties (I&APs) are hereby Invited to register (in writing) and/or provide initial comments, queries, concerns or opportunities relating to this proposed/point_<u>ancr/sefore 15 Basis maker</u> 2019 for environmental/NEMA issues and <u>on or before Of Pebruary 2028</u> for wellow/NWA related issues. <u>Torregisters as in I&AP or formore Information context EnviroAfrice.et</u>; EnviroMino (Newson) Soft / HU_DERBERO, 7135 Faco (B65120164 Tel. 2012 16511616 round of public participation. Public Participation: Interneted and Affected Parties (I&APe) an hereby invited to register (in writing) and/or provide initial comments, queries, concerns or opportunities relating Interneted and Affected Parties (I&APe) an hereby invited to register (in writing) and/or provide initial comments, queries, concerns or opportunities relating Interneted and Affected Parties (I&APe) an hereby invited to register (in writing) and/or provide initial comments, queries, concerns or opportunities relating To registra as an I&APe of to more Information contact EnviroAfrice as: EnviroAfrica (Issuespace Solar PVIA.5) PO, Box5307, HELDERBERG, 7135 Fac: 0865120164 Tel. 2021 5511610 ret. vzl. so in in 6 Funit admini@ervinostrica.co.za Please inform and execuracy a vither I&APs that you feel may be interested in the proposed development, to register. Future correspondence wil be sent to registere I&APs. E-mail seminingenvironifics.co.za Please inform and encourage any other I&APs that you feel may be interested in the proposed development, to register. Future correspondence with be sent a vegistered I&APs. VENTURA RENEWABLE ENERGY (PTY) LTD ENVIROAFRICA CC VENTURA RENEWABLE ENERGY (PTY) LTD **ENVIROAFRICA CC** ENVIRONMENTAL IMPACT ASSESSMENT PRE-APPLICATION PUBLIC PARTICIPATION PROCESS ENVIRONMENTAL IMPACT ASSESSMENT PRE-APPLICATION PUBLIC PARTICIPATION PROCESS **PROPOSED VISSERSPAN SOLAR PV FACILITY PROJECT 4** PROPOSED VISSERSPAN SOLAR PV FACILITY PROJECT 1 (on Farm Visserspan No. 40, near Dealesville, Tokologo Local Municipality, Lejweleputswa District Municipality, Free State Province) Department of Environmental Affairs Reference Number: To be provided (on Farm Visserspan No. 40, near Dealesville, Tokologo Local Municipality, Lejweleputswa District Municipality, Free State Province) Department of Environmental Affairs Reference Number: To be provided Notice is hereby given of the pre-application public participation process in terms of the National Environmental Management Act, No. 107 of 1998 (NEMA) and the Environmental Impact Assessment (EIA) Regulations (2014), as well as the National Water Act, No. 36 of 1998 (NWA). 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The PV tables will be raised approximately 50km above ground level and will have single axis tracking system allowing the generation of nt once with and 100W of attensition guarent, proposed associated infrastructure includes a fenced construction staging area, maintenance sheds, inverter-tansformer stations on concrute pads and office buildings at within the 238ba groupsed development its de toopford, as wells as a switch panet and an overhead poweritier from the PV transfor concruction to the provaed as existion gain rune. Substation, south of the proposed development site. The proposed atle fails on either side of an existing darin rund. Sand therefron, GN, 350 6/2017 oppiles. <u>The proposed development site is located at 28*35*33.46*56</u>, 25*43*21.04*E (estimated central point), on the Farm Vlaserspan No. 40, approximately 10km onthress of Dalaevelle and 68km monthress of Bloemfontian, in the Frae State Province. The proposed development is a solar photovoltaic (PV) array coverain an area of around 218ha, circumscribed with a perimiter fire access read and fence. The PV tables will be raised approximately 50km above ground level and will have single earlies tracking systems advoing the gamestian of not more than 100kW of attemating current. Proposed associated infratricture includes a fanced construction signing area, maintenance shed/s, inverter-transformer stations on concrete pads and office buildings all within the 218ha proposed development file topoint, as well as a solution panel and an ovarhead powertine from the PV array for connection to the power grid, at Eskom's Perseus substation, south of the proposed development site. existing farm road. Due to proximity to the Eskom substation stansation, sound rear proposes correctionmentset. 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Transfatars and ARAP or for more information contact EnviroAfrica st: EnviroAfrica (Vasanspen Gader PV No. 1) PO, Don SG37, HELDERBERG, 7135 Fas: 066 5120154 round of public participation. <u>Public Participation:</u> Interested and Affacted Parties (I&APe) are hereby invited to register (in writing) and/or provide initial comments, queries, concerns or opportunities relating to its proposed orget, an or before 15 Docember 2019 for environmental/NEMAissues and <u>on or before 04 February 2020</u> for water/NWArelated issues. <u>To register as an I&AP or for more information contact EnviroAffrica at:</u> PVD. Box 537, HELDERBERG, 7135 Fac: 0865120145511816 Tal: 0221 \$511816

oafrica.co.za and encourage any other I&APs that you feel may be interested in the proposed development, to register. Future correspondence will astrand I&As.

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Please inform and encourage any other I&APs that you feel may be interested in the proposed developm be sent to registered I&APs. ent, to register. Future c













| Proposed Visserspan Solar PV Facility: Project 1, | Uealesville, Free State Province | rd 13 November 2019 | Signed as proof of receipt | | | - Helinbert | | | A | A Malance | Maricon Marian | the and you address | 5 10KNa | ya almer LEMA | | Vune) | | | | | | |
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| venura Renewable Energy (Pty) Ltd c/o Mr C W Janse van Rensburg perty / Land Owners: | ergy (Pty) Ltd | c/o Mr C W Janse van Rensburg | | P. O. Box 73 | Somerset West | 7137 | 082 631 7496 | 086 267 6181 | WAVARG@karananana | |
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| 2.2. IMr Eugene Geyer Trustee and contact person 3. Occupiers | | Trustee and contact person | | P. O. Box 288 | | 9670 | 082 574 3167 082 463 3785 | | Binananan@ | |
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| The Municipal Manager Dealesville Municipality, Cnr. Brand & Andries Pretorius Streets, Dealesville | | Dealesville Municipality, Cnr. Brand & Andries Pretori. Streets, Dealesville | 5 | P. O. Box 18 | Dealesville | 9348 | 051 811 0029 | 051 811 0005 | | |
| The Municipal Manager Tokologo Local Municipality, Market Square, Voortrekker Street, Boshoff | | Tokologo Local Municipality, Market Square, Voortrek Street, Boshoff | ē | Private Bag X46 | Boshoff 8 | 8340 | 053 541 0014 | 053 541 0360 | | postage |
| The District Manager Lejweleputswa District Municipality, Cnr. Tempest & Jan Hofmeyer Road, Welkom | | Lejweleputswa District Municipality, Cnr. Tempest & J Hofmeyer Road, Welkom | us | P.O. Box 2169 | Welkom | 9460 | 057 353 3094/5 | 057 383 4949 | | postage |
| Manager | Manager | Water and Sanitation, Mangaung Metropolitan Municip. | È | P. O. Box 3704 | Bloemfontein | | 051 410 6764 | DE4 440 CTT44 | - | postage |
| al Ward Councillor: | | | | | T | | +010014100 | L/ /9 NI + I CN | enquiry@mangaung.co.za | postage & email |
| 5.1 The Ward Councillor Tokologo Local Municipality, Market Square, Voortrekker 6. State Organisations: | | Tokologo Local Municipality, Market Square, Voortrekk Street, Boshoff | , F | Private Bag X46 | Boshoff 8 | 8340 | 053 541 0014 | 053 541 0360 | < | |
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| The Economic, Small Business Development, Tourism and Environmental Affairs, 113 St Andrews Street, Bloemfontein, 9301 | | Economic, Small Business Development, Tourism and Environmental Affairs, 113 St Andrews Street, Bloemfor 9301 | Iteir | | Bloemfontein 9: | 9300 | 051 404 9600 | | NON SE | postage |
| The Director Police, Roads and Transport, Perm Building, 45 Charlotte Maxeke Street, Bloemfontein, 9301 | | Police, Roads and Transport, Perm Building, 45 Chart Maxeke Street, Bloemfontein, 9301 | otte | P. O. Box 119 | Bloemfontein 90 | 9300 | 051 409 8850 | 051 409 RPI64 | | afiprond |
| The Director Provincial Treasury, 55 Miriam Makeba Street, Fidel Cast Building, Bloemfontein | | Provincial Treasury, 55 Miriam Makeba Street, Fidel Ca Building, Bloemfontein | astro | Private Bag X20537 | Bloemfontein | 9300 | T | 051 405 442 5 | 00 | postage |
| The Director South African Heritage Resources Agency (SAHRA) | | South African Heritage Resources Agency (SAHRA) | | 11 Harrington St, Zonnebloem | Cape Town 80 | 8001 | | | Correspondence via Heritage Specialist (NID & | postage |
| The Director Public Works and Infrastructure, Office 310, OR Tambo House, Cnr Markgraaf & St Andrew's Streets, Bloemfonte 9301 | | Public Works and Infrastructure, Office 310, OR Tambo House, Cnr Markgraaf & St Andrew's Streets, Bloemfont 9301 | ů, | P. O. Box 960 | Bloemfontein | 9300 | 051 492 3909 | 051 405 4490 / · 086 624 7915 | SAFITICIDADOSO | postage |
| Anneliza Collett | | Department of Agriculture, Forestry and Fisheries | | Private Bag x120 | Pretoria 00 | 0001 | 012 3197508 | 012 329 5938 | <u>AnnelizaC@nda.aoric.za</u> | |
| Director | | Department of Environmental Affairs, Integrated Environmental Authorisations (National) | | Private Bag x 447 | Pretoria 00 | 0001 | | | EZ: VOD | email & postage |
| Mr Stanley Tshitwamulomon Blodiversity Directorate - Department of Environmental Affairs (National) | Tshitwamulomon Blodiversity Directorate - Department of Environment. Affairs (National) | on Biodiversity Directorate - Department of Environment | - | Private Bag x 447 | Pretoria 00 | 0001 | 012 399 9587 / 012 399 9377 | 012 359 3625 | T | amail & postage |
| | | SKA Africa | | 3rd Floor, The Park, Park Road, | Pinelands | 4050 | 1 | 021 506 7375 | | erriari & postage |
| 6.14 Ms Nicole Abrahams South African National Roads Agency Ltd. (SANRAL) | | South African National Roads Agency Ltd. (SANRAL) | | Private Bag X 19 | Bellville 75 | 7535 0 | T | | Abrahams N@nra.co.za | 4 |
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| 2005 | | | | | | | | | | | ELET ADA | |
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n

15 November 2019



Dear Interested and Affected Party

re.: Pre-application Public Participation Registration Process for the Proposed Visserspan Solar PV Facilities (Projects 1 to 4), Dealesville on Visserspan Farm No. 40, Tokologo Local Municipality, Free State Province

You are on our database as a potential interested and affected party (I&AP) for the abovementioned proposed projects.

Please find, for your perusal, registration and comment, summary background information maildrops/documents for each of the four Solar PV Facilities proposed on Visserspan Farm No. 40, Tokologo Local Municipality, Free State Province (near Dealesville).

Should you have any comments queries or concerns regarding the project, please notify EnviroAfrica in writing by 15 December 2019, at the contact details below. Please also inform and encourage any other parties you feel may be interested in, or affected by, the proposed developments, to register as part of this process. Future correspondence will be sent to registered I&APs.

I trust everything is in order and look forward to your registration/valued input.

Yours sincerely,

Vivienne Thomson Environmental Consultant EnviroAfrica CC

SOMERSET WALL 7137

P.O. Box 5367 Helderberg 7135 Tel: +27 (0)21 851 1616 Fax: +27 (0)86 512 0154

Unit 7 Pastorie Park Cnr Reitz & Lourens St.,Somerset West CK 97/46008/23 VAT4870170513

e-mail: admin@enviroafrica.co.za

ENVIROAFRICA CC

ENVIRONMENTAL IMPACT ASSESSMENT PRE-APPLICATION PUBLIC PARTICIPATION PROCESS

PROPOSED VISSERSPAN SOLAR PV FACILITY PROJECT 1

(on Farm Visserspan No. 40, near Dealesville, Tokologo Local Municipality, Free State Province) Department of Environmental Affairs Reference Number: To be provided

Notice is hereby given of the pre-application public participation process in terms of the National Environmental Management Act, No. 107 of 1998 (NEMA) and the Environmental Impact Assessment (EIA) Regulations (2014), as well as the National Water Act, No. 36 of 1998 (NWA).

| Relevant Act/Notice and Activity No. | To be Included in Application | Description in Legislation |
|--|-------------------------------------|--|
| NEMA, EIA Regulations Listing Notice 1 of 2014 (GN. R. 327), Activity No. 12(xii)(c) | Possibly | Development of infrastructure or structures with a physical footprint of 100m ² or more where such development occurs if no development setback exists, within 32m of a watercourse, measured from the edge of a watercourse. |
| NEMA, EIA Regulations Listing Notice 2 of 2014 (GN. R. 325), Activity No. 1 | Yes | Development of facilities or infrastructure for the generation of electricity from a renewable resource where the electricity output is 20 megawatts (MW) or more |
| NEMA, EIA Regulations Listing Notice 2 of 2014 (GN. R. 325), Activity No. 15 | Yes | Clearance of an area of 20ha or more of indigenous vegetation |
| NEMA, EIA Regulations Listing Notice 3 of 2014 (GN. R. 324), Activity No. 2 | Possibly | Development of reservoirs, excluding dams, with a capacity of more than 250 cubic metres. |
| NWA, Section 21(a) | Possibly | Taking water from a water resource |
| NWA, Section 21(b) | Possibly | Storing water |
| NWA, Section 21(c) | Possibly | Impeding or diverting the flow of water in a watercourse |
| NWA, Section 21(i) | Possibly | Altering the bed, banks or characteristics of a watercourse |

EnviroAfrica CC has been appointed by Ventura Renewable Energy (Pty) Ltd, to undertake the EIA application process for the above proposed project. As part of the application for an environmental authorisation, a basic assessment report (BAR) is required since, although it is for a large scale solar photovoltaic (PV) facility capable of generating of more than 20MW but less than 100MW of electricity, the proposed development falls within renewable energy development zone 5 and therefore, GN. 350 of 2017 applies.

Project Location and Description:

The proposed development site is located at **28°35'33.46"S**, **25°43'21.04"E** (estimated central point), on the Farm Visserspan No. 40, approximately 10km northwest of Dealesville and 68km northwest of Bloemfontein, in the Free State Province. The proposed development is a solar photovoltaic (PV) array covering an area of around 218ha, 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 not more than 100MW of alternating current. Proposed associated infrastructure includes a fenced construction staging area, maintenance shed/s, inverter-transformer stations on concrete pads and office buildings all within the 218ha proposed development site footprint, as well as a switch panel and an overhead powerline from the PV array for connection to the power grid, at Eskom's Perseus substation, south of the proposed development site.

Description of Alternatives:

Due to proximity to the Eskom substation, consent use of land and other renewable energy developments/proposed developments, alternative sites do not exist. However, alternative options which include *inter alia* alternative PV 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 DBAR will include specialist reports and will undergo a further round of public participation.

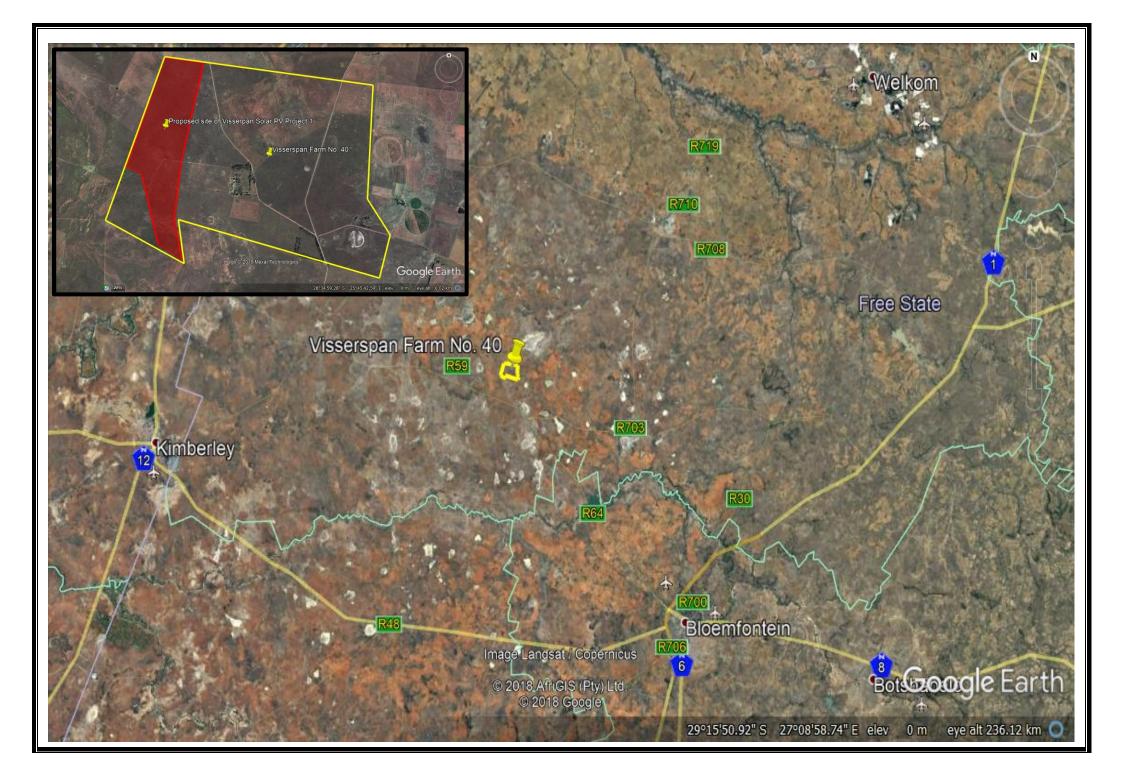
Public Participation:

Interested and Affected Parties (I&APs) are hereby invited to register (in writing) and/or provide initial comments, queries, concerns or opportunities relating to this proposed project, **on or before 15 December 2019** for environmental/NEMA issues and **on or before 04 February 2020** for water/NWA related issues.

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

EnviroAfrica (Visserspan Solar PV No. 1) P.O. Box 5367, HELDERBERG, 7135 Fax: 086 512 0154 Tel.: 021 8511616 E-mail: admin@enviroafrica.co.za

Please inform and encourage any other I&APs that you feel may be interested in the proposed development, to register. Future correspondence will be sent to registered I&APs.



ENVIROAFRICA CC

ENVIRONMENTAL IMPACT ASSESSMENT PRE-APPLICATION PUBLIC PARTICIPATION PROCESS

PROPOSED VISSERSPAN SOLAR PV FACILITY PROJECT 2

(on Farm Visserspan No. 40, near Dealesville, Tokologo Local Municipality, Free State Province) Department of Environmental Affairs Reference Number: To be provided

Notice is hereby given of the pre-application public participation process in terms of the National Environmental Management Act, No. 107 of 1998 (NEMA) and the Environmental Impact Assessment (EIA) Regulations (2014), as well as the National Water Act, No. 36 of 1998 (NWA).

| Relevant Act/Notice and Activity No. | To be Included in Application | Description in Legislation |
|--|-------------------------------------|--|
| NEMA, EIA Regulations Listing Notice 1 of 2014 (GN. R. 327), Activity No. 12(xii)(c) | Possibly | Development of infrastructure or structures with a physical footprint of 100m ² or more where such development occurs if no development setback exists, within 32m of a watercourse, measured from the edge of a watercourse. |
| NEMA, EIA Regulations Listing Notice 2 of 2014 (GN. R. 325), Activity No. 1 | Yes | Development of facilities or infrastructure for the generation of electricity from a renewable resource where the electricity output is 20 megawatts (MW) or more |
| NEMA, EIA Regulations Listing Notice 2 of 2014 (GN. R. 325), Activity No. 15 | Yes | Clearance of an area of 20ha or more of indigenous vegetation |
| NEMA, EIA Regulations Listing Notice 3 of 2014 (GN. R. 324), Activity No. 2 | Possibly | Development of reservoirs, excluding dams, with a capacity of more than 250 cubic metres. |
| NWA, Section 21(a) | Possibly | Taking water from a water resource |
| NWA, Section 21(b) | Possibly | Storing water |
| NWA, Section 21(c) | Possibly | Impeding or diverting the flow of water in a watercourse |
| NWA, Section 21(i) | Possibly | Altering the bed, banks or characteristics of a watercourse |

EnviroAfrica CC has been appointed by Ventura Renewable Energy (Pty) Ltd, to undertake the EIA application process for the above proposed project. As part of the application for an environmental authorisation, a basic assessment report (BAR) is required since, although it is for a large scale solar photovoltaic (PV) facility capable of generating of more than 20MW but less than 100MW of electricity, the proposed development falls within renewable energy development zone 5 and therefore, GN. 350 of 2017 applies.

Project Location and Description:

The proposed development site is located at **28°36'6.13"S**, **25°43'48.46"E** (estimated central point), on the Farm Visserspan No. 40, approximately 10km northwest of Dealesville and 68km northwest of Bloemfontein, in the Free State Province. The proposed development is a solar photovoltaic (PV) array covering an area of around 223ha, 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 not more than 100MW of alternating current. Proposed associated infrastructure includes a fenced construction staging area, maintenance shed/s, inverter-transformer stations on concrete pads and office buildings all within the 223ha development site footprint, as well as a switch panel and an overhead powerline from the PV array for connection to the power grid, at Eskom's Perseus substation, south of the proposed development site.

Description of Alternatives:

Due to proximity to the Eskom substation, consent use of land and other renewable energy developments/proposed developments, alternative sites do not exist. However, alternative options which include *inter alia* alternative PV 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 DBAR will include specialist reports and will undergo a further round of public participation.

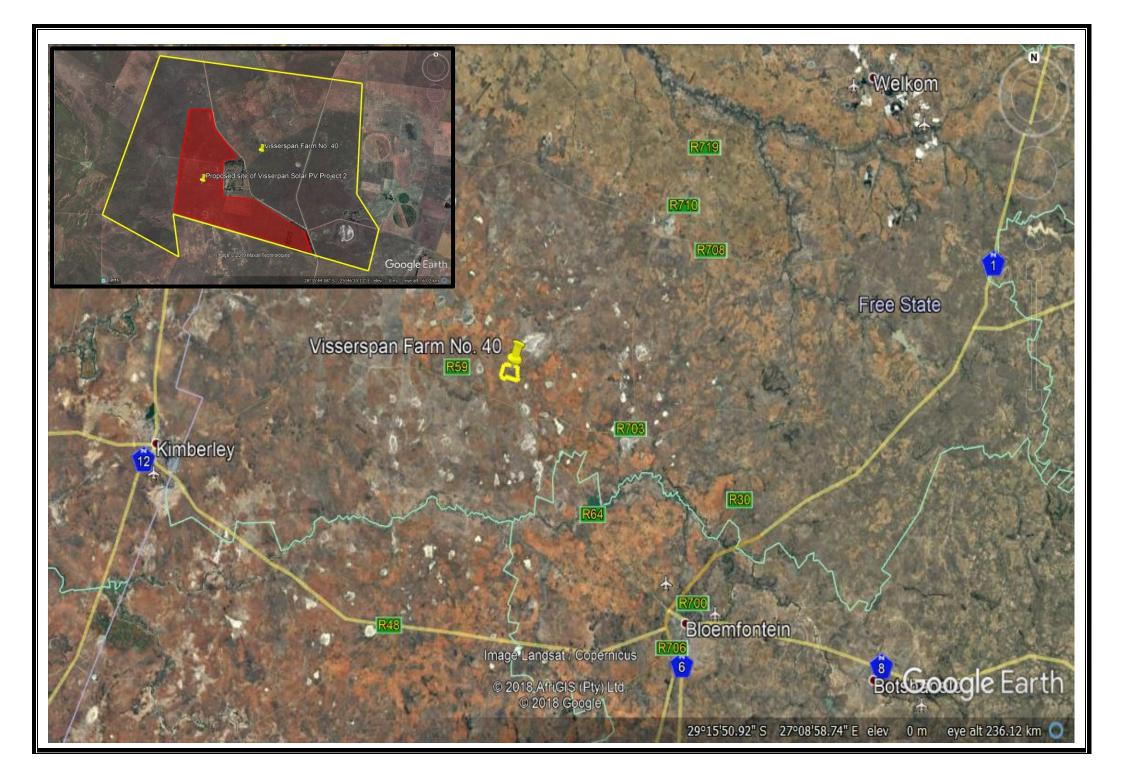
Public Participation:

Interested and Affected Parties (I&APs) are hereby invited to register (in writing) and/or provide initial comments, queries, concerns or opportunities relating to this proposed project, **on or before 15 December 2019** for environmental/NEMA issues and **on or before 04 February 2020** for water/NWA related issues.

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

EnviroAfrica (Visserspan Solar PV No. 2) P.O. Box 5367, HELDERBERG, 7135 Fax: 086 512 0154 Tel.: 021 8511616 E-mail: admin@enviroafrica.co.za

Please inform and encourage any other I&APs that you feel may be interested in the proposed development, to register. Future correspondence will be sent to registered I&APs.



ENVIROAFRICA CC

ENVIRONMENTAL IMPACT ASSESSMENT PRE-APPLICATION PUBLIC PARTICIPATION PROCESS

PROPOSED VISSERSPAN SOLAR PV FACILITY PROJECT 3

(on Farm Visserspan No. 40, near Dealesville, Tokologo Local Municipality, Free State Province) Department of Environmental Affairs Reference Number: To be provided

Notice is hereby given of the pre-application public participation process in terms of the National Environmental Management Act, No. 107 of 1998 (NEMA) and the Environmental Impact Assessment (EIA) Regulations (2014), as well as the National Water Act, No. 36 of 1998 (NWA).

| Relevant Act/Notice and Activity No. | To be Included in Application | Description in Legislation |
|--|-------------------------------------|--|
| NEMA, EIA Regulations Listing Notice 1 of 2014 (GN. R. 327), Activity No. 12(xii)(c) | Possibly | Development of infrastructure or structures with a physical footprint of 100m ² or more where such development occurs if no development setback exists, within 32m of a watercourse, measured from the edge of a watercourse. |
| NEMA, EIA Regulations Listing Notice 2 of 2014 (GN. R. 325), Activity No. 1 | Yes | Development of facilities or infrastructure for the generation of electricity from a renewable resource where the electricity output is 20 megawatts (MW) or more |
| NEMA, EIA Regulations Listing Notice 2 of 2014 (GN. R. 325), Activity No. 15 | Yes | Clearance of an area of 20ha or more of indigenous vegetation |
| NEMA, EIA Regulations Listing Notice 3 of 2014 (GN. R. 324), Activity No. 2 | Possibly | Development of reservoirs, excluding dams, with a capacity of more than 250 cubic metres. |
| NWA, Section 21(a) | Possibly | Taking water from a water resource |
| NWA, Section 21(b) | Possibly | Storing water |
| NWA, Section 21(c) | Possibly | Impeding or diverting the flow of water in a watercourse |
| NWA, Section 21(i) | Possibly | Altering the bed, banks or characteristics of a watercourse |

EnviroAfrica CC has been appointed by Ventura Renewable Energy (Pty) Ltd, to undertake the EIA application process for the above proposed project. As part of the application for an environmental authorisation, a basic assessment report (BAR) is required since, although it is for a large scale solar photovoltaic (PV) facility capable of generating of more than 20MW but less than 100MW of electricity, the proposed development falls within renewable energy development zone 5 and therefore, GN. 350 of 2017 applies.

Project Location and Description:

The proposed development site is located at **28°35'18.93"S**, **25°44'30.53"E** (estimated central point), on the Farm Visserspan No. 40, approximately 10km northwest of Dealesville and 68km northwest of Bloemfontein, in the Free State Province. The proposed development is a solar photovoltaic (PV) array covering an area of around 213ha, 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 not more than 100MW of alternating current. Proposed associated infrastructure includes a fenced construction staging area, maintenance shed/s, inverter-transformer stations on concrete pads and office buildings all within the 213ha proposed development site footprint, as well as a switch panel and an overhead powerline from the PV array for connection to the power grid, at Eskom's Perseus substation, south of the proposed development site.

Description of Alternatives:

Due to proximity to the Eskom substation, consent use of land and other renewable energy developments/proposed developments, alternative sites do not exist. However, alternative options which include *inter alia* alternative PV 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 DBAR will include specialist reports and will undergo a further round of public participation.

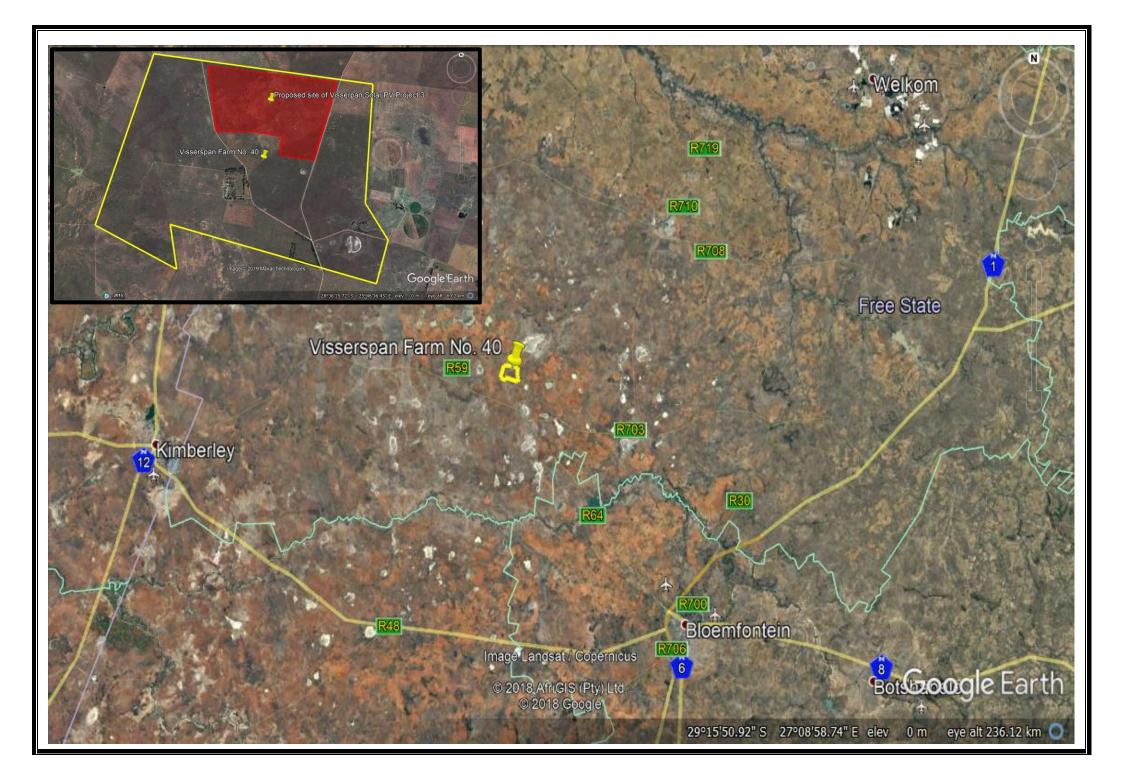
Public Participation:

Interested and Affected Parties (I&APs) are hereby invited to register (in writing) and/or provide initial comments, queries, concerns or opportunities relating to this proposed project, <u>on or before 15 December 2019</u> for environmental/NEMA issues and **on or before 04 February 2020** for water/NWA related issues.

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

EnviroAfrica (Visserspan Solar PV No. 3) 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.



ENVIRONMENTAL IMPACT ASSESSMENT PRE-APPLICATION PUBLIC PARTICIPATION PROCESS

PROPOSED VISSERSPAN SOLAR PV FACILITY PROJECT 4

(on Farm Visserspan No. 40, near Dealesville, Tokologo Local Municipality, Free State Province) Department of Environmental Affairs Reference Number: To be provided

Notice is hereby given of the pre-application public participation process in terms of the National Environmental Management Act, No. 107 of 1998 (NEMA) and the Environmental Impact Assessment (EIA) Regulations (2014), as well as the National Water Act, No. 36 of 1998 (NWA).

| Relevant Act/Notice and Activity No. | To be Included in Application | Description in Legislation |
|--|-------------------------------------|--|
| NEMA, EIA Regulations Listing Notice 1 of 2014 (GN. R. 327), Activity No. 12(xii)(c) | Possibly | Development of infrastructure or structures with a physical footprint of 100m ² or more where such development occurs if no development setback exists, within 32m of a watercourse, measured from the edge of a watercourse. |
| NEMA, EIA Regulations Listing Notice 2 of 2014 (GN. R. 325), Activity No. 1 | Yes | Development of facilities or infrastructure for the generation of electricity from a renewable resource where the electricity output is 20 megawatts (MW) or more |
| NEMA, EIA Regulations Listing Notice 2 of 2014 (GN. R. 325), Activity No. 15 | Yes | Clearance of an area of 20ha or more of indigenous vegetation |
| NEMA, EIA Regulations Listing Notice 3 of 2014 (GN. R. 324), Activity No. 2 | Possibly | Development of reservoirs, excluding dams, with a capacity of more than 250 cubic metres. |
| NWA, Section 21(a) | Possibly | Taking water from a water resource |
| NWA, Section 21(b) | Possibly | Storing water |
| NWA, Section 21(c) | Possibly | Impeding or diverting the flow of water in a watercourse |
| NWA, Section 21(i) | Possibly | Altering the bed, banks or characteristics of a watercourse |

EnviroAfrica CC has been appointed by Ventura Renewable Energy (Pty) Ltd, to undertake the EIA application process for the above proposed project. As part of the application for an environmental authorisation, a basic assessment report (BAR) is required since, although it is for a large scale solar photovoltaic (PV) facility capable of generating of more than 20MW but less than 100MW of electricity, the proposed development falls within renewable energy development zone 5 and therefore, GN. 350 of 2017 applies.

Project Location and Description:

The proposed development site is located at **28°35'58.80"S**, **25°45'6.65"E** (estimated central point), on the Farm Visserspan No. 40, approximately 10km northwest of Dealesville and 68km northwest of Bloemfontein, in the Free State Province. The proposed development is a solar photovoltaic (PV) array covering an area of around 225ha, 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 not more than 100MW of alternating current. Proposed associated infrastructure includes a fenced construction staging area, maintenance shed/s, inverter-transformer stations on concrete pads and office buildings all within the 225ha proposed development site footprint, as well as a switch panel and an overhead powerline from the PV array for connection to the power grid, at Eskom's Perseus substation, south of the proposed development site. The proposed site falls on either side of an existing dirt road and is denoted as either 'east' or 'west' of the existing farm road.

Description of Alternatives:

Due to proximity to the Eskom substation, consent use of land and other renewable energy developments/proposed developments, alternative sites do not exist. However, alternative options which include *inter alia* alternative PV 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 DBAR will include specialist reports and will undergo a further round of public participation.

Public Participation:

Interested and Affected Parties (I&APs) are hereby invited to register (in writing) and/or provide initial comments, queries, concerns or opportunities relating to this proposed project, **on or before 15 December 2019** for environmental/NEMA issues and **on or before 04 February 2020** for water/NWA related issues.

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

EnviroAfrica (Visserspan Solar PV No. 4) 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.

