

19 April 2016

Dear Stakeholder

**ENVIRONMENTAL IMPACT ASSESSMENT PROCESS  
PUBLIC PARTICIPATION PROCESS  
ADDITIONAL CSP FACILITIES (CSP 2 - 5 & CSP TOWER 1) ASSOCIATED WITH  
AUTHORISED CSP SITES (1.3, 1.4, 3, 4 & 5) WITHIN THE KAROSHOEK SOLAR  
VALLEY PARK, NORTHERN CAPE**

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**NOTICE OF AVAILABILITY OF EIA REPORTS FOR REVIEW AND PUBLIC OPEN DAY**

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**Emvelo Holdings (Pty) Ltd**, an independent power developer of concentrated solar power (CSP) plants, is in the process of investigating additional CSP facilities immediately adjacent to **authorised** CSP sites (1.3, 1.4, 3, 4 & 5) within the **Karoshhoek Solar Valley Development** on sites located approximately 30 km east of Upington within the Khara Hais Local Municipality in the Northern Cape.

The facilities are proposed on the following farm portions: Lot 944 Karos Settlement; Portion 3 of Matjiesrivier 41; Portion 2 of Matjiesrivier 41; and Portion RE of Matjiesrivier 41.

The purpose of the additional CSP facilities to be investigated is to facilitate the increase in capacity of each authorised facility to 150MW in order to meet the generating capacity thresholds specified by the Department of Energy's (DoE) in its Expedited Bid Window of the Renewable Energy Independent Power Producers Procurement (REIPPP) Programme (Tender No: DOE/003/13/14 – as amended from time to time).

Through a previous environmental process undertaken for the broader Karoshhoek development, a number of CSP facilities were authorised as follows:

**Table 1:** Authorised CSP Facilities

Site reference	Project Name and Description	DEA Reference No.
Site 1.3	Karoshhoek PT (1 x 100 MW <b>Parabolic Trough</b> )	14/12/16/3/3/2/294
Site 1.4	Karoshhoek LFT 2 (1 x 100 MW <b>Parabolic Trough</b> )	14/12/16/3/3/2/299
Site 3	Karoshhoek Tower 1 (1 x 50MW <b>Tower</b> )	14/12/16/3/3/2/298
Site 4	Karoshhoek LFTT 1 (1 x 100 MW <b>Parabolic Trough</b> )	14/12/16/3/3/2/296
Site 5	Karoshhoek LFTT2 (1 x 100 MW <b>Parabolic Trough</b> )	14/12/16/3/3/2/295

In order to meet generating capacity thresholds of 150MW for CSP facilities as specified by Department of Energy's (DoE) Expedited Bid Window for REIPPP Programme (Tender No: DOE/003/13/14 as amended from time to time), additional projects are proposed immediately adjacent to each of the above authorised projects. In this regard, the following is proposed:

**Table 2: Additional Proposed CSP Facilities**

<b>Authorised Sites (as described in Table 1 above)</b>	<b>Additional Projects Proposed</b>	<b>DEA Reference No.</b>
Site 1.3	Ilanga CSP 2 50MW Parabolic Trough	14/12/16/3/3/2/861
Site 1.4	Ilanga CSP 5 50MW Parabolic Trough	14/12/16/3/3/2/864
Site 3	Ilanga Tower 1 100MW (with a maximum tower height of 270m)	14/12/16/3/3/2/866
Site 4	Ilanga CSP 3 50MW Parabolic Trough	14/12/16/3/3/2/862
Site 5	Ilanga CSP4 50 MW Parabolic Trough	14/12/16/3/3/2/868

It is the intention of the developer to develop the above proposed projects together with the already authorised projects, each project to be developed as a single 150MW facility in total. In the instance of the tower plant environmental authorisations, this would result in only a single tower being developed across both authorised projects.

### ***ENVIRONMENTAL IMPACT ASSESSMENT PROCESS***

In terms of the EIA Regulations published in terms of Section 24(5) of the National Environmental Management Act (NEMA, Act No. 107 of 1998), Emvelo Holdings (Pty) Ltd require authorisation from the National Department of Environmental Affairs (DEA), as the competent authority, for the construction and operation of the proposed CSP facilities. In terms of sections 24(5) of NEMA, the and Government Notices R982 to R985; Scoping and EIA processes are required to be undertaken for each project. In order to obtain authorisation, comprehensive, independent environmental studies must be undertaken in accordance with the EIA Regulations, 2014.

Savannah Environmental has been appointed as the independent environmental consultant to undertake the required Scoping and EIA to identify and assess all the potential environmental impacts associated with the proposed project, and propose appropriate mitigation and management measures in an Environmental Management Programme (EMPr). As part of these environmental studies, Interested and Affected (I&APs) will be actively involved through the public involvement process.

## **AVAILABILITY OF ENVIRONMENTAL IMPACT ASSESSMENT REPORTS FOR REVIEW**

Environmental Impact Assessment (EIA) Reports for each of the proposed projects have been prepared by Savannah Environmental and are available for review and comment by Interested and/or Affected Parties (I&APs). The 30-day review period for each report is as follows:

<b>Additional Projects Proposed</b>	<b>Public Review Period</b>
Ilanga CSP 2 50MW Parabolic Trough (DEA Ref. No. 14/12/16/3/3/2/861)	22 April 2016 – 24 May 2016
Ilanga CSP 5 50MW Parabolic Trough (DEA Ref. No. 14/12/16/3/3/2/864)	25 April 2016 – 30 May 2016
Ilanga Tower 1 100MW (with a maximum tower height of 270m) (DEA Ref. No. 14/12/16/3/3/2/866)	22 April 2016 – 24 May 2016
Ilanga CSP 3 50MW Parabolic Trough (DEA Ref. No. 14/12/16/3/3/2/862)	22 April 2016 – 24 May 2016
Ilanga CSP 4 50 MW Parabolic Trough (DEA Ref. No. 14/12/16/3/3/2/868)	19 April 2016 – 23 May 2016

The EIA Reports can be viewed at the Upington Public Library in Upington. The reports can also be downloaded from [www.savannahSA.com](http://www.savannahSA.com).

Please could you kindly submit your formal comments by sending written correspondence in this regard. All comments received will be included in the final EIA Reports which will be submitted to the DEA. Comments can be made as written submission of fax, post or email.

### **PUBLIC OPEN DAY**

Interested and/or Affected Parties are hereby invited to attend a Public Open Day as follows:

Date: Thursday 5 May 2016  
Time: 15:30 – 18:30  
Venue: NG Kerk, Groot Rivier (Sultana-oord)

The aim of the Public Open Day is to provide you with more information (including technical details, project processes and timeframes) on the following projects:

- » Ilanga CSP 2 – 5 and CSP Tower 1
- » Ilanga CSP 7, 8 and 9 (These projects are being assessed under separate EIA processes.)

- » Associated infrastructure including grid connection infrastructure, roads and pipeline (These projects are being assessed under separate EIA processes.)

In addition, the Public Open Day aims to provide a summary of the findings of the environmental impact assessments undertaken, to invite comment on the proposed projects and to further discuss possible issues of specific concern which you may need to be addressed.

Please do not hesitate to contact us should you require additional information and/or clarification regarding the proposed project. Our team welcomes your participation and looks forward to your involvement throughout this process.

Kind Regards

**MRS GABRIELE WOOD**  
**PUBLIC PARTICIPATION AND SOCIAL CONSULTANT**  
**SAVANNAH ENVIRONMENTAL**