



## water affairs

Department:  
Water Affairs  
REPUBLIC OF SOUTH AFRICA

North West Region, Private Bag X5, Mmabatho, 2735.  
Motswedi House, 1<sup>st</sup> floor, Dr James Moroka Drive, Mmabatho  
Tel (018) 387 9500, Fax: (018) 392 2998/384 0913, [www.dwa.gov.za](http://www.dwa.gov.za)

Enquiries: Takalani Khorombi  
E-mail : [Khorombi@dwa.gov.za](mailto:Khorombi@dwa.gov.za)

Telephone: 018 387 9500 EXT.9550  
Reference: 16/2/7/D41A/K8

Strategic Environmental Focus (Pty) (Ltd)  
P.O Box 74785  
LYNWOOD RIDGE  
0040

Attention: Mr Mandla Zuma

**RE: COMMENTS FOR DRAFT ENVIRONMENTAL IMPACT REPORT FOR THE PROPOSED MAREETSANE BATHO-BATHO SOLAR PV FACILITY, NORTH WEST PRONVICE.**

The abovementioned project reference **DEA Ref: 14/12/16/3/3/2/514** refers. This Department has no objection pertaining to implementation of the project mentioned above.

*Impacts associated with the development have to be considered throughout the planning, construction as well as operational phases.*

The department has studied the content of the report and evaluated possible impacts of the proposed development on the water resources. The Department has the following conditions to be adhering to:

### 1. GENERAL CONDITIONS

Impacts associated with the development have to be considered throughout the planning, construction as well as operational phase.

- Take note of any known sites of archaeological value in the area.
- Ensure the adequate protection of identified sites of archaeological and adequate engagement with the affected communities during the relocation of grave site 2 and 3.

- As indicated that no archeological was discovered on the area, however during the process it happen to resurface such properties it should be reported to South african heritage resources agency
- Avoid areas with high water tables or poor natural drainage system.

## **2. THE CONSTRUCTION OF SOLAR PANELS AND ASSOCIATED INFRASTRUCTURE;**

- The identified wetland in the study area should be given buffer zone of 1 in 50 year floodline of a river; in close proximity to water bodies such as wetlands, vleis, pans, estuaries and floodplains;
- The stretching away to the north from the developmental site, as means of protecting the wetland should be increase at least to 50m unless proper management is put in place to enhance sustainability of ecological system simultaneously embracing the development.
- The development footprint should not be degrade non-perennial systems identified rather improved the ecological environment of the area.
- Should not situated on unstable areas, like fault zones, seismic zones, dolomitic or karst areas where sinkholes and subsidence are likely;
- Should not situated in or near sensitive ecological areas;
- Should not situated in or on areas characterised by flat gradients, shallow or emergent groundwater;
- Should not situated in areas characterised by steep gradients, or shallow bedrock with little soil cover,
- Or where stability of slopes could be a problem;
- Should not situated in areas of ground water recharge on account of topography and/or highly permeable soils; and
- Should not situated on areas overlaying or adjacent to important or potentially important aquifers

## **3. WASTE MANAGEMENT**

- No waste dumping shall be allowed around and/or outside the premises
- The solid waste materials shall be disposed of at registered landfill site
- General housekeeping at the sites must be kept at a high standard to prevent any additional pollution of the soils and surface or ground water

- The conservancy tanks should not be placed at point where can pose risks to water resources.
- Chemical toilet or any other environmental friendly toilet facilities such as septic drain shall be preferably be used and sited on the camp site in such way that they do not cause water or other pollution. Open space or surrounding bush shall not be used as toilet under no circumstances.

#### 4. WATER USE IN TERMS OF SECTION 21 OF NATIONAL WATER ACT,

- It noted in page 10, that IWUL will be submitted with final EIR .The Department can confirm that water requirement from your development may require water authorization License in term of National Water Act.
- The extend of the project has potential impact to Morokwa River which trigger Section 21 (c) and (l) of NWA.

Notwithstanding the above, the responsibility rests with the applicant to identify any sources of pollution from his undertaking and to respond appropriately to prevent any pollution of the environment. Failure to comply with the requirements of the National Water Act, (Act 36 of 1998), could lead to legal actions being instituted against the applicant.

This letter does not exempt the applicant from compliance with section 21 of the National Water Act, No.36 of 1998.

Yours faithfully



**CHIEF DIRECTOR- NORTH WEST**

Date: 21/02/2014