

**APP-007402**

**ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEMENT PLAN FOR THE  
50 MW ORYX ORANGE RIVER SOLARPARK PHOTOVOLTAIC PLANT IN  
AUSSENKEHR, //KHARAS REGION**

**PROOF OF WRITTEN NOTICE TO ADJACENT OWNERS**



**Assessed by:**




**Assessed for:**

**Oryx Orange River  
Solarpark (Pty) Ltd**















November 2025

# **Proof of Public Consultation**

**Notification sent out to IAPs**

From Me 

To undisclosed-recipients; 20/11/2023, 4:24 pm

Bcc [redacted]@karasrc.gov.na , [redacted]@orasecom.org , [redacted]@standardbank.com.na , [redacted]mgrapes.com , [redacted]us@kharasog.gov.na , [redacted]icloud.com , [redacted]d.com , [redacted]@gmail.com , [redacted]ede@sanparks.org , 'N [redacted] Mostert' , [redacted]look.com , [redacted]agri.com.na , [redacted]online.com.na , [redacted]bnamibia.com.na 

Subject **Notification - EIA - Photovoltaic Power Plants at Aussenkehr 3**

Dear Interested and/or affected Party,

**Environmental Impact Assessment for the Construction and Operations of Photovoltaic Power Plants at Aussenkehr , || Karas Region**


In terms of the National Environmental Management Act, No 7 of 2007 (Section 21 to 24 of Government Notice 4878 Regulation No. 30 of 2011), all interested and affected parties as well as commenting authorities are being notified about the intention to establish three solar plants in Aussenkehr. These plants are planned next to the existing one. Since three different companies are proposing the development, three different information pieces about them are attached. An additional map, depicting all three proposed plants, is also shared.

The notifications are being sent now, during harvesting season, which is when the most people are concentrated in the area and thereby increasing the public awareness of the project. However, the process will remain open for any further questions or queries about the proposed plants. Kindly note that the project team will also be in Aussenkehr the second week of December. The three environmental impact assessment reports will only be sent for public comment next year.

This information is free to share. If there is any additional party who wishes to be added to the distribution list, kindly please register as an IAP (Please take note that if you have received this email, you are already registered). Similarly, kindly please let us know if you do not want to receive any further information about the project.



Should you require any additional information, please contact Geo Pollution Technologies at telephone 061-257411 or Quzette Bosman as per contact details below.


Sincerely,



 Mon 20/11/2023 4:23 pm  
 Quzette Bosman <quzette@thenamib.com>  
 Notification - EIA - Photovoltaic Power Plants at Aussenkehr 2


To undisclosed-recipients:

Bcc Ge [redacted] der Merwe; h [redacted]hs@sanparks.org; Hen [redacted]hann; jem [redacted]gmail.com; j [redacted]erlands.com; ja [redacted]eirfruit.com; jan [redacted]allinacend.co.za; jk [redacted]africa.com.na; ak [redacted]mwater.com.na; "ka [redacted]@namwater.com.na ,just [redacted]nec-namibia.com,mu [redacted]gmail.com,ke [redacted]erlands.com,kobu [redacted]co.na [redacted]i.ng

 Message
  20231023 BID Photovoltaic Plant of Aussenkehr Solar Company\_Aussenkehr.pdf (497 KB)

 2023 Aussenkehr Solar Plants Combined Location Map.pdf (404 KB)

 20231023 BID Photovoltaic Plant of Aussenkjer Energy Investments\_Aussenkehr.pdf (506 KB)

 20231023 BID Photovoltaic Plant of Oryx Orange River Solarpark\_Aussenkehr.pdf (475 KB)

**Environmental Impact Assessment for the Construction and Operations of Photovoltaic Power Plants at Aussenkehr , I Karas Region**

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**Notified IAPs**

<b>Name</b>	<b>Surname</b>	<b>Organization</b>
A	Muhongo	//Karas Regional Council
Albert	Holtzhausen	Orange River Vineyard Investments
Albert	Calitz	AW Greenworks
Alfred	Ilukena	Ministry of Sport, Youth and National Service
Andre	Brand	Navico - Farmers'
Andries	Kok	Namwater
Anne	Scott	African Conservation Services CC
Berendt	Both	//Karasburg West Constituency
Bodin	Vasiljevivic	Aussenkehr SPAR
Nellis	Holtzhausen	Kaap Agri
Calvin	Sisamu	Nampower - Power Systems Development
Charles		Solar Grapes
Coleen	Manheimer	Vegetation Specislist
Durr	Bezuidenhout	Private
Elize	van Zyl	Solar Grapes
Furnmart		Furnmart
Gerhard	v d Merwe	Town Planner
Hendrik	Prins	Ai- Ais/Richtersveld Transfrontier Park - SAN Parks
Henner	Dickmann	Frontier Grapes
J	Mashala	Karasburg West Constituency
Jadre	Fourie	Silverlands Vineyards
Jan	Mostert	Frontier Grapes
Jana	Joubert	GA Management
John	Kinahan	QRS / Quaternary Research Services
John	Akawa	Namwater
Jolanda	Kamburona	Namwater
Justin	Julius	NEC/Alcon (Existing Solar Plant)
Kakishi	Mufuka	ORIP
Kevin	Liddle	Silver Street Capital
Kobus	Bothma	Namibia Grape Company
Kondjeni	Nghitevelekwa	Nampower - Power Systems Development (PSD) BU
Lahya	Shitenga	Noordoewer Settlement Office
Lenka	Thamae	ORASECOM
Lerralie	Plaatjies	Standard Bank
Lize	de Jager	Namibia Grape Company
Lucia	Basson	//Karas Regional Council
Mr	Tirone	Alcon Solar Plant (Existing Solar Plant)
N	Mostert	Frontier Grapes
Nelimona	Ipinge	Namibian Environment and Wildlife Society
Nick	de Goede	Ai- Ais/Richtersveld Transfrontier Park - SAN Parks -

<b>Name</b>	<b>Surname</b>	<b>Organization</b>
Nicolene	Mostert	Manager Frontier
Oscar	Mwayanale	Mwayanale Trading Enterprise cc
Paul	Kotze	Private
R	Brand	Norothshama Owner
Salomé	Beukes	FNB
Simon	Akwenye	Agribusdev-DRIP Agribus Dev
Smut	Matengu	NamPower
Sonja	Loots	National Botanical Research Institute
Stefnie	Vermeulen	Grape Alliance
Sunia	de kock	Grape Alliance
Zelda	van Dyk	Karsten Boerdery
Theo	Shiyambi	Aussenkehr Community Committee
Wayne	Handley	Ministry of Environment, Forestry & Tourism
Wilbard	Nashandi	Ministry of Industrialization, Trade and SME Development - Namibia Investment Centre
Willem	Visser	Silverlands
Willie	Vermeulen	karsten
		//Karas Region - Governor's Office
K	Cloete	Noordoewer Settlement Office
CS	Munalula	Nampol - Aussenkehr
I	Josephine	Private



**Background Information Document (BID)**

**ENVIRONMENTAL ASSESSMENT AND MANAGEMENT PLAN  
FOR THE 50 MW ORYX ORANGE RIVER SOLARPARK  
PHOTOVOLTAIC PLANT IN AUSSENKEHR, //KARAS REGION  
BACKGROUND INFORMATION DOCUMENT**



**Prepared by**



**Prepared for**

**Oryx Orange River  
Solarpark (Pty) Ltd**

October 2023

## 1 INTRODUCTION

Oryx Orange River Solarpark (Pty) Ltd (the Proponent) plans to construct and operate a 50 MW photovoltaic (PV) plant at Aussenkehr, //Karas Region. The plant will be located on a 100 ha area of Farm 498 (Figure 1) and will be connected to the National power grid via the Aussenkehr Substation.

The Proponent has requested Geo Pollution Technologies (Pty) Ltd (GPT) to apply for an environmental clearance certificate (ECC) for the PV plant. The ECC is required as per the Environmental Management Act No. 7 of 2007 (EMA). As part of the ECC application, an environmental assessment report and environmental management plan (EMP) will be submitted to the Ministry of Environment, Forestry and Tourism's Directorate of Environmental Affairs (DEA).

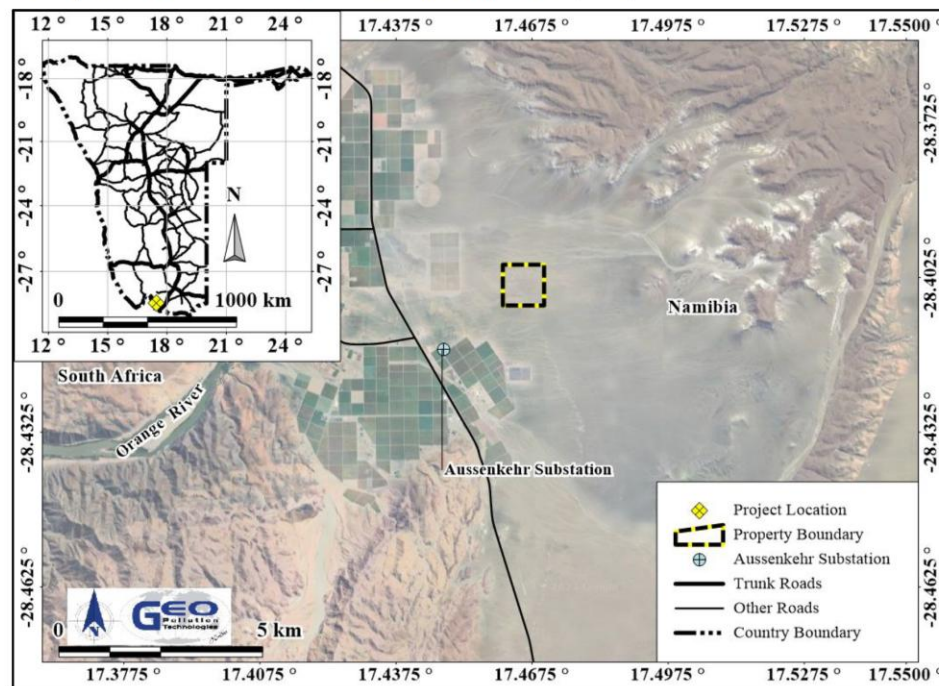


Figure 1 Project location

## 2 PURPOSE OF THE BID

With this background information document (BID), GPT aims to provide the DEA, authorities and interested and affected parties with information about the facility, and to register the ECC application with the Ministry of Mines and Energy and the DEA.

### 3 PROJECT DESCRIPTION

Activities considered for the assessment have been divided into the following phases: planning, construction and maintenance, operational and a decommissioning phases. A brief outline of expected activities for each phase is detailed below.

#### 3.1 PLANNING PHASE

Continuously during construction and operations, and prior to possible future decommissioning activities at the PV plant, it is the responsibility of the Proponent to ensure they are and remain compliant with all legal requirements. The Proponent must also ensure that all required management measures are in place prior to, and during all phases, to ensure potential risks and impacts are minimised. Typical planning activities include:

- Where not in place, obtain permits and approvals from local and national authorities including licencing from the Electricity Control Board and power purchase agreements with NamPower.
- Ensure correct zoning and subdivision of the property, if applicable.
- Make provisions to have a health, safety and environmental coordinator to implement the EMP.
- Ensure provisions for a fund to cater for restoration or rehabilitation activities in the event of environmental incidents or pollution.
- Ensure all appointed contractors and employees enter into an agreement with the Proponent which includes adherence to relevant sections of the EMP.
- Maintain a reporting system to report on aspects of construction and maintenance, operations and decommissioning as outlined in the EMP. This is a requirement of the DEA.

#### 3.2 CONSTRUCTION AND MAINTENANCE

The Proponent plans to construct a 50 MW grid connected PV plant using solar panel technology. Solar panels will be installed on mounting racks to form solar panel arrays. The direct current (DC) produced by the plant will be converted into alternating current (AC) by means of inverters. The generated electricity will then feed into the National power grid via an aboveground power line connected to the nearby Aussenkehr Substation.

Construction activities will entail some earthworks to prepare the area for the installation of the power line, mounting racks and support infrastructure. A short aboveground power line will be required and its construction will entail installation of pylons and the stringing of transmission cables. Concrete works will be required to cast the foundations to which the mounting racks will be secured. Solar panels will be fixed to the mounting racks and all cabling will be installed to connect the solar panels to each other to form the solar array and to connect the solar array to the inverters and ultimately to the aboveground power line.

Once operational, maintenance and minor repairs will be performed on infrastructure as required. This may include servicing and replacement of solar panels, parts and equipment.

#### 3.3 OPERATIONAL PHASE

Limited operational activities are required for a PV Plant. Operations will mainly entail regular inspection of all infrastructure components, as well as cleaning of the solar panels to ensure continued optimal functioning.

#### 3.4 DECOMMISSIONING PHASE

Decommissioning of the entire PV plant is not foreseen during the validity of the ECC. Decommissioning will however be assessed. Decommissioning will entail partial or complete removal of all infrastructure. Where decommissioning occur, rehabilitation of the area may be required. After decommissioning, any pollution present on the site must be removed or remediated.

#### 3.5 PRELIMINARY IDENTIFIED IMPACTS

During the preparation of the environmental assessment and EMP, all components of the environment will be considered. However, only those components which are, or may be, significantly impacted, or are deemed to be sensitive, will be assessed. These include the following:

- ◆ Human component (employee and visitor health and safety)
- ◆ Infrastructure (aesthetics, fire, integrity, damage to services, etc.)
- ◆ Neighbours (noise, aesthetics, waste, traffic)
- ◆ Groundwater, surface water and soil (hydrocarbon spills, waste, pollutants)
- ◆ Ecosystem and biodiversity (habitat, pollutants, birds)
- ◆ Socio economic characteristics (employment, training, skills, revenue)

#### 4 PUBLIC CONSULTATION

Public consultation is an integral part of all environmental assessments. Geo Pollution Technologies thus invites all interested and affected parties (IAPs) to provide in writing, any issues and suggestions regarding the project. This correspondence must include:

- ◆ Name and surname
- ◆ Organization represented or private interest
- ◆ Position in the organization
- ◆ Contact details
- ◆ Any direct business, financial, personal or other interest which you may have in the approval or refusal of the application.

All contributions become public knowledge and will be included in the environmental assessment report. The environmental assessment and EMP reports will be circulated to all registered IAPs for review as per the EMA requirements. The comments, inputs and suggestions will also be submitted to the DEA along with how any issues have been addressed in the environmental assessment.

The public participation process will remain ongoing during the environmental assessment. However, all comments and concerns should be provided to GPT timeously, to ensure incorporation into the final report. For any additional information the project team may be contacted at:



**Geo Pollution Technologies (Pty) Ltd.**

Telephone: (+264-61) 257411

Fax: (+264) 88626368

E-mail: [oryx@thenamib.com](mailto:oryx@thenamib.com)