

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: 10127

Date: Monday October 10, 2016
Page No: 1

Interim Comment

In terms of Section 38(8) of the National Heritage Resources Act (Act 25 of 1999)

Attention: Savannah Environmental (Pty) Ltd
PO Box 148
Sunninghill
2157

Eskom is proposing to establish a substation and power line which will be used to increase customers Notified Maximum Demand (NMD) from 2.5MVA to 10 MVA as a provision for future developments within the Olifantshoek region. This project is referred to as the Olifantshoek Substation and power line. The Olifantshoek Substation and power line will be comprised of the following: A new 10MVA on-site substation (100m X 100m) to be constructed adjacent to the existing 22/11kV Olifantshoek substation A new overhead 132 kV power line approximately 31 km long to connect directly to the Emil switching station via the new on site substation. The majority of the new power line route will follow the existing Ferrum/Nieuwehoop 400kV and Ferrum/Lewensaar 132kV power lines. The corridor of the new power line will be 300 m with a servitude of 31 m wide. The decommissioning of the existing 22/11kV Olifantshoek Substation

Savannah Environmental (Pty) Ltd has been appointed by Eskom to conduct an Environmental Impact Assessment (EIA) process for a proposed powerline and sub-station in the Olifantshoek region, Northern Cape Province. An EIA will be completed in support of the Environmental Authorisation Application in terms of the National Environmental Management Act, 1998 (NEMA), NEMA EIA Regulations 2014. The proposed development will include a 31 km 132kV powerline that will run along an existing gravel road, the N14 highway and existing 400kV powerline. Three alternatives for the 100 m x 100 m sub-station located within Olifantshoek will be considered.

Cedar Tower Services were appointed to provide Heritage input into the EIA.

Lavin, J and Bluff, K. 2016. Heritage Screener: Eskom Substation and Power Line Olifantshoek, Northern Cape Province.

The Heritage Screener noted that the proposed development footprint has been extensively disturbed due to the existing infrastructure such as the roads and the powerlines. The footprint of the proposed development has previously been assessed in 2007 and 2014. In both these previous assessments, only ephemeral scatters of Stone Age artefacts of low significance were identified.

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Additionally the Screener noted that the proposed project area is located in areas of moderate, high and unknown palaeontological sensitivity, however, as no deep excavations are anticipated for the project, it is unlikely that palaeontological resources will be impacted.

Recommendations provided include the following:

- No further heritage specialists studies are required; and
- If any heritage resources are discovered during the construction phase of the proposed development, the SAHRA Archaeology, Palaeontology and Meteorites (APM) Unit should be contacted immediately.

Interim Comment

The SAHRA APM Unit cannot provide further comment without reviewing the Environmental Reports i.e. Scoping and/or EIA and all appendices. Please ensure that the documents are submitted to the SAHRIS Case application so an informed decision may be issued.

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

John Gribble
Manager: Maritime and Underwater Cultural Heritage Unit / Acting Manager: Archaeology, Palaeontology and

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Meteorites Unit
South African Heritage Resources Agency

ADMIN:

Direct URL to case: <http://www.sahra.org.za/node/369650>
(DEA, Ref:)

Gabriele Stein

From: Tshegofatso Monama <temonama@ska.ac.za>
Sent: 31 March 2017 10:09
To: Gabriele Wood
Subject: Fwd: PROPOSED CONSTRUCTION OF THE OLIFANTSHOEK SUBSTATION AND POWER LINE, NORTHERN CAPE PROVINCE - NOTIFICATION OF BASIC ASSESSMENT AND WATER USE LICENCE APPLICATION PROCESSES
Attachments: Organs of State Process Notification 10.03.2017.pdf; Olifantshoek Power Line & Substation BID (Afri).pdf; Olifantshoek Power Line & Substation BID (Eng).pdf; Reply Form.pdf
Follow Up Flag: Follow up
Flag Status: Flagged

Dear Gabriele,

Kindly forward me a KMZ file of the proposed power route.

Regards,
Tshego

----- Forwarded message -----

From: Adrian Tiplady <atiplady@ska.ac.za>
Date: Fri, Mar 31, 2017 at 8:31 AM
Subject: Fwd: PROPOSED CONSTRUCTION OF THE OLIFANTSHOEK SUBSTATION AND POWER LINE, NORTHERN CAPE PROVINCE - NOTIFICATION OF BASIC ASSESSMENT AND WATER USE LICENCE APPLICATION PROCESSES
To: Tshegofatso Monama <temonama@ska.ac.za>
Cc: Selaelo Matlhane <smatlhane@ska.ac.za>

----- Forwarded Message -----

Subject: PROPOSED CONSTRUCTION OF THE OLIFANTSHOEK SUBSTATION AND POWER LINE, NORTHERN CAPE PROVINCE - NOTIFICATION OF BASIC ASSESSMENT AND WATER USE LICENCE APPLICATION PROCESSES
Date: Fri, 10 Mar 2017 11:47:50 +0200
From: Gabriele Wood <gabriele@savannahsa.com>
Reply-To: Gabriele Wood <gabriele@savannahsa.com>

Dear Stakeholder,

The Northern Cape, and in particular, the north east region as a whole has been earmarked for the development of various mining developments and operations. With an increase of such developments, the region of Olifantshoek has undergone rapid population expansion, and as a result there is greater pressure being placed on existing electrification networks and services to meet the current capacity demands of the region. Eskom Holdings SoC Limited's (Eskom) is therefore proposing to establish a new Olifantshoek 10MVA 132/11kV substation and 31km 132kV power line to strengthen the electrification network of the area. This project is referred to as the Olifantshoek Substation and Power Line.

In terms of the Environmental Impact Assessment (EIA) Regulations published in terms of Section 24(5) of the National Environmental Management Act (NEMA, Act No. 107 of 1998), Eskom Holdings SoC Limited requires authorisation from the Department of Environmental Affairs (DEA) (in consultation with the Northern Cape Department of Environmental Affairs and Nature Conservation (DENC)) for the undertaking of the proposed development. In terms of Sections 24 and 24D of the National Environmental Management Act (No 107 of 1998), as read with the EIA Regulations of GN R982, GN R983 and R985, a Basic Assessment process is required to be undertaken for the proposed project. In terms of the National Water Act (Act No 36 of 1998), a Water Use License is required for watercourse crossings along the power line route.

Eskom Holdings SoC Limited has appointed Savannah Environmental (Pty) Ltd, as the independent environmental consultant, to undertake the required Basic Assessment and Water Use Licence Application (WULA) processes. Kindly refer to the attached process notification letter and background information document for further details regarding the project. Please complete and return the attached stakeholder registration and comment form in order to register as an Interested and/or Affected Party (I&AP) on the project's database.

Please do not hesitate to contact me if you have any queries in this regard.

Kind regards,

Mrs Gabriele Wood

Public Participation and Social Consultant

Savannah Environmental (Pty) Ltd

Tel: 27 11 656 3237

Fax: 086 684 0547

Email: gabriele@savannahsa.com

www.savannahsa.com

Gabriele Stein

From: Gabriele Stein <gabriele@savannahsa.com>
Sent: 25 May 2017 15:52
To: 'Tshegofatso Monama'
Subject: RE: PROPOSED CONSTRUCTION OF THE OLIFANTSHOEK SUBSTATION AND POWER LINE, NORTHERN CAPE PROVINCE - NOTIFICATION OF BASIC ASSESSMENT AND WATER USE LICENCE APPLICATION PROCESSES
Attachments: New Layout Olifantshoek BAR.KMZ

Dear Tshegofatso

Please find the kmz file attached as requested.

Kind regards

Gabriele Stein

Public Participation and Social Consultant | Savannah Environmental (Pty) Ltd
Tel: +27 11 656 3237 | Fax: +27 86 684 0547

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