

# AIA FOR THE PROPOSED KRANSKLOOF DAM AND AGRICULTURAL LANDS DEVELOPMENT ON THE FARM KRANSKLOOF 218 KR, LIMPOPO PROVINCE

Our Ref: 10600



an agency of the  
Department of Arts and Culture

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CaseID: 10600

Date: Monday March 06, 2017

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## Final Comment

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

Attention: Mr Neels Kruger

Exigo Sustainability

Eulophia Corner Building 1

38 Gen. Van Reyneveld St

Persequor Park

Pretoria

0020

### ARCHAEOLOGICAL IMPACT ASSESSMENT (AIA) FOR THE PROPOSED KRANSKLOOF DAM AND AGRICULTURAL LANDS DEVELOPMENT ON PORTION 1 OF THE FARM KRANSKLOOF 218 KR, WATERBERG DISTRICT MUNICIPALITY, LIMPOPO PROVINCE

Ecolead in partnership with Environamics has conducted and compiled a Scoping report for the proposed Kranskloof Dam and Agricultural Lands for listed activities in the Environmental Impact Assessment Regulation of 2014 (as amended) in support of an Environmental Authorisation in terms of National Environmental Management Act, act 107 of 1998 (NEMA) and National Water Act, Act 36 of 1998 (NWA). Mr Kruger from Exigo (Pty) Ltd has been appointed to conduct an Archaeological Impact Assessment for the proposed development and Scoping report mentions that Prof JF Durand of Skarab Palaeontology Consultancy has been appointed to conduct a Palaeontological Impact Assessment.

This development is located on Portion 1 of the farm Kranskloof 218 KR, in the Mogalakwena Local Municipality of the Limpopo Province. Their client Slijpsteen Meel (Pty) Ltd is proposing to construct a catchment dam in the Mokamole River which will be 9 ha in extent and the length of the dam wall will be 350 m. A pumping station (5 m x 5 m) will also be constructed which will pump water in the irrigation pipelines for the proposed 17 centre-pivots and internal roads, the entire proposed development area is not expected to exceed 350 ha.

*Kruger, N. July 2016. Proposed Kranskloof Dam and Agricultural Lands Project on Portion 1 of the farm Kranskloof 218 KR, Waterberg District Municipality, Limpopo Province. Archaeological Impact Assessment.*

The author undertook a field assessment of the proposed field assessment and several heritage features and artefacts rated from low to Very High significance were identified.

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Sites KKD-IA02; TRU-IA03; TRU-IA04 these sites were listed as medium to low significance locally as the author only identified a single lower grindstone. According to the map provided they located in close proximity to each other and recommendations provided are general monitoring by the ECO to prevent any disturbance during construction.

Site KKD-IA01 is a Later Iron Age site that consists of several lower and upper grinding stones and a single undecorated potsherd located on the southern border of the farm. The site is of medium significance locally because it is an ephemeral site of the greater cultural landscape of the town of Mokopane. The proposed conservation measures is a 100 m buffer area and a realignment of the irrigation and circular crop fields to retain it in situ, if the developer is unable to do so then a phase 2 mitigation under a SAHRA section 35 (4) permit.

Site TRU-HP01 and TRU-BP01 consists of a colonial period ash midden with cultural artefacts and irregular stone structures and grave site. HP01 is of medium significance locally and the grave is of high significance locally. But as the sites are related, HP01 should be of medium to high significance locally. The proposed conservation measures is a 100 m buffer area and a realignment of the irrigation and circular crop fields to retain it in situ, as both of these sites are related then they should be conserved together. If the developer is unable to do so then phase two mitigation under a SAHRA section 35 permit for HP-01 and a grave relocation process must be initiated for BP01 in order to obtain a section 36 permit.

## Interim Comment

SAHA Archaeology, Palaeontology and Meteorites (APM) Unit agrees with the recommendation of the report as there is no alternative 2 for the agricultural fields, SAHRA endorses the recommendations for phase 2 mitigation for the sites as they will be disturbed by the ploughing and planting of the crop circles.

In order to mitigate site KKD-IA01 and TRU-HP01 a section 35 permit in terms of the NHRA needs to be applied for by an archaeologist appointed by the developer. As the remains at HP01 are in ruins and the date of the site is unknown the site should be mapped and mitigated as an archaeological site.

In order to mitigate site TRU-BP01 graves relocation processes must be carried out with a social consultation process to locate relatives of the burials in terms of section 36 of the NHRA.

The Scoping Report mentions that a PIA was commissioned and that Dr JF Durand was appointed to conduct the assessment. This report has not been submitted to SAHRA for commenting as such Final Comments cannot be issued.

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SAHRA will comment further on this proposed agricultural development once the PIA is submitted to this case. Once the EIA report is completed then it must be submitted to the case. Proof of these comments being submitted to LDEDET must also be uploaded to the case.

Should you have any further queries, please contact the designated official using the case number quoted above in the case header.

Yours faithfully

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Nokukhanya Khumalo  
Heritage Officer  
South African Heritage Resources Agency

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John Gribble  
Manager: Maritime and Underwater Cultural Heritage Unit / Acting Manager: Archaeology, Palaeontology and Meteorites Unit  
South African Heritage Resources Agency

**ADMIN:**

Direct URL to case: <http://www.sahra.org.za/node/385229>

**Terms & Conditions:**

1. This approval does not exonerate the applicant from obtaining local authority approval or any other necessary approval for proposed work.
2. If any heritage resources, including graves or human remains, are encountered they must be reported to SAHRA immediately.
3. SAHRA reserves the right to request additional information as required.