



an agency of the
Department of Arts and Culture

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South African Heritage Resources Agency | 111 Harrington Street | Cape Town
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CaseID: 12855

Date: Friday September 06, 2019
Page No: 1

Final Comment

In terms of Section 38(4), 38(8) of the National Heritage Resources Act (Act 25 of 1999)

Attention: Dorata (Pty) Ltd

Application for an Integrated Water Use License and Environmental Authorisation for the clearance of vegetation and cultivation of crops on Portion 1 of the farm Harrisdale 226 (Kilmorey), Barkly West District, Northern Cape.

Turn180 Environmental Consultants have been appointed by Dorata (Pty) Ltd to conduct an Environmental Authorisation (EA) Application and Integrated Water Use License (IWUL) for the proposed clearance of vegetation and cultivation of crops on portion 1 of the farm Harrisdale 226 (Kilmorey), Barkley West District, Northern Cape.

A draft Scoping Report (dSR) has been submitted in terms of the National Environmental Management Act, No 107 of 1998 (NEMA), NEMA Environmental Impact Assessment (EIA). The proposed mining activities include 40 ha of lucerne and 28 ha of pecan nut trees.

The dSR notes that a Heritage Impact Assessment (HIA) and Palaeontological Impact Assessment (PIA) will be completed as part of the EIA phase of the application.

In an Interim Comment issued on the 03/04/2019, SAHRA noted the pending HIA and PIA and awaited their submission before further comments could be issued.

Since the issuing of the Interim Comment, Paleo Field Services have been appointed to provide heritage specialist input into the EA process as required by section 24(4)b(iii) of NEMA and section 38(8) and 38(3) of the National Heritage Resources Act, Act 25 of 1999 (NHRA). The report has been uploaded as part of Appendix 5 of the draft EIA.

Rossouw, L. 2019. Phase 1 Heritage Impact Assessment of a 68 ha area for the purpose of crop production under irrigation on Portion 1 of the farm Harrisdale 226, near Riverton in the Northern Cape Province.

The underlying geology of the proposed development area includes the unfossiliferous Ventersdorp basalts and andesites of the Allanridge Formation, which are overlain by superficial sediments comprising Kalahari



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Page No: 2

sands. The Vaal River gravel that are present in the development area are known to contain late Cenozoic fossil fauna however no fossils were identified as part of the field visit as the area has been disturbed by previous agricultural activities. No heritage resources were identified within the development area, however, two grave sites were recorded on the farm. These graves will not be directly impacted by the development.

Final Comment

The following comments are made as a requirement in terms of section 3(4) of the NEMA Regulations and section 38(8) of the NHRA in the format provided in section 38(4) of the NHRA and must be included in the Final EIA and EMPr:

- 38(4)a – The SAHRA Archaeology, Palaeontology and Meteorites (APM) Unit and Burial Grounds and Graves (BGG) Unit has no objections to the proposed development;
- 38(4)b – The recommendations of the specialists are supported and must be adhered to. An additional specific conditions is provided for the development as follows;
- The grave site marked as “Kilm Graves 2” is located approximately 70 m from the edge of the proposed development area. The distance of 70 m from the grave site must be maintained and no encroachment of the development may occur;
- 38(4)c(i) – If any evidence of archaeological sites or remains (e.g. remnants of stone-made structures, indigenous ceramics, bones, stone artefacts, ostrich eggshell fragments, charcoal and ash concentrations), fossils or other categories of heritage resources are found during the proposed development, SAHRA APM Unit (Natasha Higgitt/Phillip Hine 021 462 5402) must be alerted as per section 35(3) of the NHRA. Non-compliance with section of the NHRA is an offense in terms of section 51(1)e of the NHRA and item 5 of the Schedule;
- 38(4)c(ii) – If unmarked human burials are uncovered, the SAHRA Burial Grounds and Graves (BGG) Unit (Thingahangwi Tshivhase/Mimi Seetelo 012 320 8490), must be alerted immediately as per section 36(6) of the NHRA. Non-compliance with section of the NHRA is an offense in terms of section 51(1)e of the NHRA and item 5 of the Schedule;
- 38(4)d – See section 51(1) of the NHRA;
- 38(4)e – The following conditions apply with regards to the appointment of specialists:
 - i) If heritage resources are uncovered during the course of the development, a professional archaeologist or palaeontologist, depending on the nature of the finds, must be contracted as soon as possible to inspect the heritage resource. If the newly discovered heritage resources prove to be of archaeological or palaeontological significance, a Phase 2 rescue operation may be required subject to permits issued by SAHRA;

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Page No: 3

- The Final EIA and EMPr must be submitted to SAHRA for record purposes;
- The decision regarding the EA Application must be communicated to SAHRA and uploaded to the SAHRIS Case application.

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

Phillip Hine
Acting Manager: Archaeology, Palaeontology and Meteorites Unit
South African Heritage Resources Agency

ADMIN:

Direct URL to case: <http://www.sahra.org.za/node/511559>
(DENC, Ref:)

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.

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Page No: 4

3. SAHRA reserves the right to request additional information as required.