



Final Comment

In terms of Section 38(8) of the National Heritage Resources Act (Act 25 of 1999) and the KwaZulu-Natal Heritage Act (Act 4 of 2008)

Attention: Dr Richard Kinvig
Kinvig and Associates (PTY) Ltd
Kinvig & Associates (Pty) Ltd
P.O. Box 1287
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The Harry Gwala District Municipality has proposed the construction of bulk water infrastructure traversing 270 km in the areas of Bulwer, Donnybrook, Creighton and Ixopo. This project consists of laying of pipelines and building of reservoirs, abstraction points and water treatment works for the supply of water to previously disadvantaged communities, KwaZulu-Natal.

Thank you for submitting the documents for decision in terms of heritage legislation. Decision is largely based on the findings and recommendations of the specialists who looked at the three main components of the heritage resources that are likely to be affected by the development.

The palaeontological reports submitted in support of the proposed development have been reviewed and it was established that the proposed development footprint is underlain by Permian aged sedimentary rocks of the Eccca and Beaufort Groups, Dolerite of the Karoo Super group as well as minor sections underlain by Masotcheni Formation clays.

While highly weathered, trace and plant fossils were observed during the field investigation, the paleontologist, Gideon Groenewald states that chances of exposing more significant fossils in the area are moderate for the Eccca, high for the belt with Beaufort Groups and nil for the Dolerite section.

Amafa concurs with the recommendations put forward by the field paleontologist and therefore requires the developer to engage the services of an Amafa accredited paleontologist to conduct monitoring services and induction of all involved in the development process to ensure that the fossil resources are not compromised by development activities. A permit is required before any construction or earth moving activities including site clearance commences. The recommendations outlined in the Heritage Report and Protocol should be adhered to.

As indicated in the interim letter dated 12 October 2016, the Phase 1 Heritage Study by Frans Prins of Active Heritage on the proposed development indicates presence of three heritage sites in close association with the footprint. These include an old railway bridge that spans the Mkhomazi River and two Mission Stations that date back to 1887 and 1888. Buffer zones of 50m must be strictly maintained around the Mariathal Mission Station and the Kevelaer Mission Station.

A Phase Two Heritage Impact Assessment of the railway bridge was further conducted by Debbie Whelan of



The Greater Bulwer Donnybrook Bulk Water Supply Scheme

Our Ref: SAH16/9829

Enquiries: Bernadet Pawandiwa
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CaseID: 9829

Date: Wednesday January 11, 2017

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Archaic Consulting to ensure that the bridge is not compromised by the development. While the structural integrity of the bridge is considered sound enough to be able to support the pipeline, the practitioner provides mitigation measures with regards to which aspect of the bridge the pipeline should traverse. Amafa concurs with the mitigation procedures. The developer is however required to apply for a permit to alter the bridge structure through strapping of the pipeline. This alteration application will be processed by the Amafa Built Environment Section. The developer can commence engaging the Built Environment Section in this regards.

In view of the findings outlined in the HIA Reports that we received for the above proposed development, we have no objection to the proposed development within limits of the prescribed mitigation measures and recommendations as outlined in the reports by Frans Prins, Debbie Whelan and Gideon Groenewald.

The recommendations should be incorporated in the Environmental Management Report

You are also required to adhere to the below-mentioned standard conditions:

Conditions:

1. Amafa should be contacted if any heritage objects are identified during earthmoving activities and all development should cease until further notice.
2. No structures older than sixty years or parts thereof are allowed to be demolished altered or extended without a permit from Amafa.
3. No activities are allowed within 50m of a site, which contains rock art.
4. Sources of all natural materials (including topsoil, sands, natural gravels, crushed stone, asphalt, etc.) must be obtained in a sustainable manner and in compliance with the heritage legislation.

Failure to comply with the requirements of the National Heritage Resources Act and the KwaZulu Natal Heritage Resources Act could lead to legal action being instituted against the applicant.

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

Yours faithfully

Bernadet Pawandiwa
Senior Heritage Officer
Amafa/Heritage KwaZulu Natal



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Annie van de Venter Radford
Deputy Director: Research, Professional Services and Compliance
Amafa/Heritage KwaZulu Natal

ADMIN:

Direct URL to case: <http://www.sahra.org.za/node/365807>

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 Amafa immediately.
3. Amafa reserves the right to request additional information as required.



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