

Our Ref:



an agency of the  
Department of Arts and Culture

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South African Heritage Resources Agency | 111 Harrington Street | Cape Town  
P.O. Box 4637 | Cape Town | 8001  
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CaseID: 9290

Date: Monday August 29, 2016  
Page No: 1

## Final Comment

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

Attention: Rand Water

**RAND WATER is submitting an application to the Department of Environmental Affairs (DEA) for the proposed development of a new access surfaced road to link R54 road to the K8 1 to provide alternative access for RW to two of Rand Water's facilities (Panfontein Sludge Disposal Site and ZBWTW when the Suikerbosrant River floods). The surfaced road will be approximately 5.5km in length. The minimum cross section shall provide for a 6.8m surfaced road width and 0.9 m wide unsurfaced shoulder on both sides. The road reserve is proposed to be 20 m wide. Furthermore the work shall entail the upgrade of the existing intersection on the K81 to the Panfontein Sludge Disposal Site. Works shall additionally include the separation of the access along the new road and the entrance to the Panfontein Sludge Disposal Site and the relocation of services and infrastructure (cathodic protection unit and flow meter) where required. The project site is located in Vereeniging, within the Midvaal Local Municipality in Gauteng Province. Farm portions 6, 8, 9 and 70 of Uitvlucht 434 IR and farm portion number 6 of Badfontein 438 IR. The two route alternative alignment for the construction of the proposed access road merge for the majority of their distance and occur on the same property with alternative 1 preferred (shown in red on the Kmz file) being 5.5km in length and alternative 2 (purple route on kmz file) is 5.5km in length. The alignment occurs on an existing gravel access road on agriculture land predominantly used for maize cultivation and grazing. The proposed site is significantly transformed by the mentioned human activities.**

**Van Schalkwyk, J. December 2015. Cultural heritage impact assessment for the Proposed Panfontein Access Road For Rand Water In Midvaal Local Municipality, Gauteng Province**

The proposed development entails the construction of a new surfaced road which links R54 (Three Rivers to Villiers Road) to the K81. It is proposed that this road be constructed along the northern boundary of the Rand Water Panfontein Sludge Disposal Site, and also entails the construction of an intersection on the R54.

The author states that no archaeological heritage sites occur in either of the two proposed alternatives.

### Final Comment

the SA Palaeontological Sensitivity Map indicates that the study area has Moderate palaeontological

**THE PROPOSED PANFONTEIN ACCESS ROAD FOR RAND WATER IN MIDVAAL  
LOCAL MUNICIPALITY, GAUTENG PROVINCE**

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sensitivity. Considering the nature of the proposed development, and the significantly disturbed condition of the study area, further palaeontological assessment is not required. Considering that no significant archaeological heritage resources occur within the study area, SAHRA Archaeology, Palaeontology and Meteorites Unit has no objections to this proposed development on the following conditions:

- If any evidence of archaeological sites or remains (e.g., remnants of stone-made structures, indigenous ceramics, bones, stone artefacts, ostrich eggshell fragments and charcoal/ash concentrations), fossils or other categories of heritage resources are found during the proposed activities, SAHRA must be alerted immediately, and a professional archaeologist or palaeontologist, depending on the nature of the finds, must be contacted as soon as possible to inspect the findings. If the newly discovered heritage resources prove to be of archaeological or palaeontological significance a Phase 2 rescue operation might be necessary.

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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Andrew Salomon  
Heritage Officer: Archaeology  
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

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## ADMIN:

Direct URL to case: <http://www.sahra.org.za/node/360658>  
(, 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.
3. SAHRA reserves the right to request additional information as required.