

**PROPOSED CONSTRUCTION OF AN 18KM LONG, 2100MM DIAMETER
REMAINDER OF B16 PIPELINE FROM ZUIKERBOSCH PUMPING STATION TO
SLANGFONTEIN WITH ASSOCIATED CROSS CONNECTIONS AND END
CONNECTIONS**



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: Nokukhanya Khumalo

Tel: 021 462 4502

Email: nkhumalo@sahra.org.za

Case ID: 22066

Date: Wednesday, 15 May, 2024

Final Comment

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

Rand Water
Rand Water
522 Impala Road
Glenvista
Johannesburg
2000

Maanakana Projects and Consulting (Pty) Ltd has been appointed by Rand Water Nursery (Pty) Ltd to undertake a Basic Assessment in support of an Environmental Authorisation (EA) in terms of the National Environment Management Act, Act 107 of 1998 (NEMA) for activities that trigger the NEMA EIA 2014 Regulations, for the construction of a 18km long, 2100 mm diameter remainder of the B16 water pipeline from Zuikerbosch Pump Station to Slangfontein, Midvaal and Emfuleni Local Municipalities, West Rand District Municipality, Gauteng Province.

The HIA report by Vungandze Project cc has been submitted to SAHRA in terms of section 38(8) of the National Heritage Resources Act, 25 of 1999 for commenting.

Mngomezulu, M. June 2016. APPLICATION FOR A PHASE 1 HERITAGE IMPACT ASSESSMENT FOR THE PROPOSED CONSTRUCTION AND MAINTENANCE OF THE REMAINDER OF RAND WATER B16 PIPELINE FROM ZUIKERBOSCH PUMPING STATION TO SLANGFONTEIN WITH A DIAMETER OF 2100MM AND A TOTAL LENGTH OF 18KM.

Mngomezulu, M. June 2022. RE-APPLICATION FOR A PHASE 1 HERITAGE IMPACT ASSESSMENT FOR THE PROPOSED CONSTRUCTION AND MAINTENANCE OF THE REMAINDER OF RAND WATER B16 PIPELINE FROM ZUIKERBOSCH PUMPING STATION TO SLANGFONTEIN WITH A DIAMETER OF 2100MM AND A TOTAL LENGTH OF 18KM.

The authors undertook a field survey of the water pipeline and did not identify any heritage resources within the servitude however, 2 burial grounds were observed outside the water pipeline routes. Site one is located over 100m away from the pipeline route and consists of approximately 12 graves. Site 2 is located about 15m away from the pipeline route and consists of approximately 30 graves. Graves are always considered of High

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Significance. The initial assessment was approved by PHRA-G in 2016 but the project has lapsed. The author recommends the following:

- The contractor should induct employees on the importance of heritage sites and that they should not be impacted in any way;
- The applicant has two options in dealing with the graves found on site:
 - namely, adjusting/keeping them within the operational site or relocating them.
- The preferred decision is to adjust the development so that the graves may remain undisturbed. The graves must be fenced off during construction;
- Should the applicant choose to remove the graves, the process of graves relocation must be followed as stated in Section 36 (4); (5)(a)(b) of the NHRA (Act No. 25 of 1999) (see appendix A).
- The possibility of uncovering unearthed burial grounds and graves during excavation should not be ruled out;
- Should potential human remains be found on site, the contractor should cease construction immediately and the South African Police Service and Rand Water should also be contacted;
- Monitoring of the Project area by the Environmental Control Officer (ECO) during pre-construction and construction phases for heritage chance finds, if chance finds are encountered to implement the Chance Find Procedure for the project found in the report under section 9.2.

The proposed development is located within the blue area as per the SAHRIS PalaeoSensitivity map, which means it lies in an area of low Palaeontological Sensitivity. As such, a Chance Fossil Finds Procedure is required.

Final Comment

The SAHRA Development Applications Unit (DAU) notes and accepts the submission of the draft EIA, and HIA reports. SAHRA has no objections to the proposed development on the following conditions:

38(4)a – The SAHRA Development Applications Unit (DAU) has no objections to the proposed development;

38(4)b – The recommendations provided by the heritage specialists are supported and must be adhered to. The following additional comments include:

The pipeline should be amended slightly to allow for an increased buffer zone of 30m around graveyard 2;

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Should the developer be unable to conserve the graves *in situ* then, a stakeholder engagement process must be undertaken in terms of section 36 of the NHRA and Chapter XI of the NHRA 2000 Regulations, to obtain permission to either fence or relocate the graves;

An archaeologist must be appointed to apply to SAHRA for a section 36 permit application in terms of chapter IX of the NHRA 2000 Regulations for the relocation of graves older than 60 years;

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 DAU (Nokukhanya Khumalo/Natasha 021 202 8660) must be alerted as per section 35(3) of the NHRA. Non-compliance with section of the NHRA is an offence 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 DAU (Nokukhanya Khumalo/Natasha 021 202 8660), must be alerted immediately as per section 36(6) of the NHRA. Non-compliance with section of the NHRA is an offence 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;

This comment must be forwarded to the competent authority;

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.

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Date: Wednesday, 15 May, 2024

Yours faithfully

Nokukhanya Khumalo
Heritage Officer
South African Heritage Resources Agency

Natasha Higgitt
Manager: Development Applications Unit
South African Heritage Resources Agency

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.

ADMIN:

Direct URL to case: <https://sahris.org.za/node/348075>