

Our Ref:



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: Natasha Higgitt
Tel: 021 462 4502
Email: nhiggitt@sahra.org.za
CaseID: 13556

Date: Friday June 07, 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: Rustenburg Water Services Trust

The proposed construction of a 500mm diameter rising- and an 800mm diameter gravity potable water pipelines from the Bospoort WTW to tie into the existing pipeline to Rustenburg town, a reservoir and associated access roads currently under the jurisdiction of the Rustenburg Local Municipality, North West Province

Ecoleges Environmental Consultants have been appointed by Rustenburg Water Services Trust to conduct an Environmental Authorisation (EA) Application process for the proposed construction of a 500 m diameter rising and an 800 m diameter gravity potable water pipelines from the Bospoort WTW to tie into the existing pipeline to Rustenburg town, a reservoir and associated access roads, Rustenburg Local Municipality, North West Province.

A draft Basic Assessment Report (dBAR) has been submitted in terms of the National Environmental Management Act, no 107 of 1998 (NEMA), NEMA Environmental Impact Assessment (EIA) Regulations. It is noted that the incorrect SAHRIS case application is referred to on page 24 of the BAR i.e. SAHRIS Case ID 6543 (<https://sahris.sahra.org.za/cases/upgrade-and-expansion-various-wwtw-rustenburg>). This is an old case which has been previously commented on.

Kudzala Antiquity CC and Prof Marion Bamford have been appointed to provide the heritage specialists component as part of the EA application in terms of section 24(4)b(iii) of NEMA and section 38(8) of the National Heritage Resources Act, No 25 of 1999 (NHRA).

Celliers, J. P. Archaeological and Heritage Impact Assessment in respect of the proposed construction of the Bospoort water pipeline and reservoir, located on the farms Elandsheuvel 282 JQ, Reinkoyaskraal 278 JQ and Tweedepoort 283 JQ, Rustenburg, Gauteng Province.

A desktop study was completed for the proposed development and is referred to in the final HIA. A total of 13 heritage resources were identified as part of the physical survey. Sites BP1 and BP2 are a church and commemorative marker respectively that may be indirectly impacted by the development. Sites BP3 – 13 are Late Iron Age stone-walled settlements that form part of a large settlement complex on top of the hill where the

Our Ref:



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: Natasha Higgitt
Tel: 021 462 4502
Email: nhiggitt@sahra.org.za
CaseID: 13556

Date: Friday June 07, 2019
Page No: 2

reservoir is proposed to be constructed. These sites have been previously impacted by historic mining activities in the area. Sites BP3 – 13 have been rated as sites of medium significance which require mitigation prior to construction may occur.

Recommendations provided in the report include the following:

- A 20 m buffer is recommended for sites BP1 and BP2;
- Sites BP 3 – 13 are recommended to be mitigated by a phase 2 archaeological mitigation project inclusive of detailed mapping before they can be impacted upon or destroyed by the proposed infrastructure development;
- A chance finds procedure is recommended for the construction phase.

Bamford, M. 2019. Palaeontological Impact Assessment for the propose construction of the Bospoort pipeline, northeast of Rustenburg, Gauteng Province.

The proposed development area is underlain by rocks of the Bushveld Complex that does not contain fossils. No further assessment is required.

Final Comment

The SAHRA Archaeological, Palaeontological and Meteorites (APM) Unit supports the recommendations of the specialists. The recommendations of the specialists and the following conditions must be included in the Environmental Management Programme (EMPr) to be included in the conditions of the EA:

- The correct SAHRIS Case must be referred to in the report i.e. SAHRIS Case ID 13556;
- A 30 m no-go buffer zone should be adhered to around site BP1 and BP2. Site BP1 and BP2 are not heritage sites and therefore SAHRA cannot provide further recommendations for these sites;
- Sites BP3 – 13 must be mitigated by a qualified archaeologist. All impacted sites must be mapped in detail and where archaeological deposit is present (such as the midden at BP9), this deposit must be sampled by means of archaeological excavations. A permit in terms of section 35 of the NHRA and Chapter II and IV of the NHRA Regulations must be applied for from SAHRA via SAHRIS for this purpose;
- The Final BAR report must be submitted to SAHRA for record purposes;
- 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

Our Ref:



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: Natasha Higgitt
Tel: 021 462 4502
Email: nhiggitt@sahra.org.za
CaseID: 13556

Date: Friday June 07, 2019
Page No: 3

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. 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. A professional archaeologist or palaeontologist, depending on the nature of the finds, must be contracted 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 may be required subject to permits issued by SAHRA;

- 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:

Proposed construction of Bospoort pipeline & reservoir.

Our Ref:



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: Natasha Higgitt
Tel: 021 462 4502
Email: nhiggitt@sahra.org.za
CaseID: 13556

Date: Friday June 07, 2019
Page No: 4

Direct URL to case: <http://www.sahra.org.za/node/521465>

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.