

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  
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Enquiries: Natasha Higgitt  
Tel: 021 462 4502  
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CaseID: 14702

Date: Tuesday February 18, 2020  
Page No: 1

## Final Comment

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

Attention: Transnet Capital Projects

**Transnet has identified “the Proposed Expansion of the Railway Yard at Turfgrond Substation” to form part of the bigger project, “Transnet Waterberg Rail Corridor Expansion Programme”. The Waterberg Rail Corridor Expansion Programme is a growth node for various activities within the mining and industrial sectors. Turfgrond Substation is an existing 88/25kV substation with one 20MVA transformer, one 88kV incomer bay and two 25kV OHTE feeder bays installed. In order to accommodate the increased freight volumes, Turfgrond substation capacity shall be increased with an additional 20MVA .**

Batatise Consulting Engineers have been appointed by Transnet to undertake an Environmental Authorisation (EA) Application for the proposed expansion of the railway yard at Turfgrond Substation, Madibeng Local Municipality, North West Province.

A draft Basic Assessment Report (DBAR) has been submitted in terms of the National Environmental Management Act, Act 107 of 1998 (NEMA) and the NEMA Environmental Impact Assessment (EIA) Regulations (As Amended). The proposed expansion includes increasing the capacity of the substation with an area of 2 140 m<sup>2</sup> with an access road of 1 703 m<sup>2</sup>.

Dr J A van Schalkwyk has been appointed to conduct impact assessment of heritage resources within the proposed project area as per section 38(3) and 38(8) of the National Heritage Resources Act, Act 25 of 1999 (NHRA) as required by section 24(4)b(iii) of NEMA.

*Van Schalkwyk, J. A. 2019. Phase 1 Cultural Heritage Impact Assessment: The Proposed Expansion of the existing Turfgrond Electricity Substation near Marikana, Bojanala District Municipality, North West Province.*

No heritage resources were identified within the proposed development footprint. A Chance Finds Procedure is recommended.

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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 BAR and EMPr:

- 38(4)a – The SAHRA Archaeology, Palaeontology and Meteorites (APM) Unit has no objections to the proposed development;
- 38(4)b – The recommendations of the specialists are supported and must be adhered to. No additional specific conditions are provided for the development;
- 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;
  - The Final BAR 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

# Proposed Expansion of the Railway Yard at Turfgrond Substation

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Natasha Higgitt  
Heritage Officer  
South African Heritage Resources Agency

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

## ADMIN:

Direct URL to case: <http://www.sahra.org.za/node/532632>  
(DEA, Ref: 14/12/16/3/3/1/2101)

## 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.