



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: Ragna Redelstorff  
Tel: +27 (0)21 202 8651  
Email: rredelstorff@sahra.org.za  
CaseID: 9286

Date: Monday April 11, 2016  
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## Final Comment

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

Attention: Eskom - Megawatt Park  
PO Box 1091  
Johannesburg  
2001

**The plant will remove dissolved and suspended solids using lime softening and reverse osmosis with pre-treatment from a fraction of the cooling water to reduce blow down and ensure compliance of the cooling water chemistry with cooling water standards. The required footprint of CWTP is between 6400m<sup>2</sup> & 10000m<sup>2</sup>. It is situated on portion 1814 of Farm Bankfontein within the Metsimaholo Local Municipality which forms part of the Fezile Dabi District Municipality.**

The proposed project entails the construction of the Cooling Water Treatment Plant to the east of the existing Lethabo Power Station, on portion 1814 of farm Bankfontein, Metsimaholo Local Municipality, Fezile Dabi District Municipality in the Northern Free State Province. It will be built within the footprint of the power station and is between 6400 m<sup>2</sup> and 10000 m<sup>2</sup>. An application for exemption of heritage studies was submitted with the case:

*Mngomezulu, M. March 2016. Application for Exemption for the proposed Lethabo Power Station East Cooling Water Treatment Plant, Vereeniging, Free State Province.*

As the site has been previously disturbed, the author assumes absence of any archaeological heritage resources.

### Final comment

As the proposed development takes place within the footprint of an existing power station and therefore in a previously disturbed area, the SAHRA Archaeology, Palaeontology and Meteorites Unit has no objection against it and requires no further archaeological and palaeontological studies. The following conditions must be adhered to:

1. The area must be mapped on the map provided on SAHRIS.
2. Should any objects of archaeological or palaeontological remains be found during construction activities, work must immediately stop in that area and the Environmental Control Officer (ECO) must be informed.

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3. The ECO must inform the South African Heritage Recourse Agency (SAHRA) and contact an archaeologist and/or palaeontologist, depending on the nature of the find, to assess the importance and rescue them if necessary (with the relevant SAHRA permit). No work may be resumed in this area without the permission from the ECO and SAHRA.

4. If the newly discovered heritage resource is considered significant a Phase 2 assessment may be required. A permit from the responsible heritage authority will be needed.

5. The above recommendations must be incorporated into the Environmental Management Programme (EMPr) for implementation.

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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Ragna Redelstorff  
Heritage Officer  
South African Heritage Resources Agency

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Phillip Hine  
SAHRA Head Archaeologist (Acting)  
South African Heritage Resources Agency

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**ADMIN:**

# Proposed East Water Cooling Tower Treatment

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Direct URL to case: <http://www.sahra.org.za/node/360649>  
(DEA, Ref: DEA Ref No.: 14/12/16/3/3/2/895)

## 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.