

Final Comment

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

Attention: Royal Haskoning DHV

Fountain Square
78 Kalkoen Street
Monument Park Ext. 2
Pretoria

Draft Environmental Scoping Report for the Proposed Continuous Ash Disposal Facility for the Matimba Power Station in Lephalale, Limpopo Province

Bamford, M. January 2015. Palaeontological Impact Assessment for proposed continuous ash disposal for Matimba Power Station in Lephalale, Limpopo Province.

Eskom proposes the establishment of a continuous ash disposal facility at the Matimba Power Station, Limpopo Province. SAHRA APM Unit provided an Interim Comment on 14 October 2014 and requested the following information:

1. The archaeological assessment be revised to provide clarity on how the heritage sites mentioned in Figure 13 and 32 of the Draft Scoping Report will be impacted by Alternative 1 and the overland ash conveyor;
2. A palaeontological field-based assessment for Alternative 2 and the overland conveyor and a desktop assessment of Alternative 1.

According to the information provided to SAHRA the archaeological sites referred to on figures 14 and 32 will not be impacted by proposed development of the ash dam and conveyor. The significant Nelson's Kop Site is located about 1km north east of the conveyor. This site should not be disturbed and impacted and an appropriate buffer must be maintained.

The palaeontologist undertook a field visit of the area to identify any fossil bearing rocks. According to the submitted PIA the proposed project area is underlain by undifferentiated Permian and Triassic deposits, with very old rocks to the south and east of Lephalale. A visit to Alternative 1 reported that the site is covered by deep Kalahari sand. No rocks and fossils were identified and according to drill cores the dump site does not cover coal deposits. An inspection of Alternative 2 and the conveyor route by the palaeontologist yielded the similar results, deep Kalahari sands and dense vegetation with no rock outcrops or any indication of areas of good fossil preservation.

Recommendations:

SAHRA has no objection to the proposed development in terms of the palaeontological assesment submitted. The following recommendations must be implemented:

1. If any paleontological resources are found SAHRA (Ragna Redelstorff/Phillip Hine, tel. 021 462 4502) and a

professional palaeontologist must be contacted immediately to inspect the findings. The Environmental Control Officer should receive basic training in the identification of fossils that are likely to be discovered in the area.

2. In term of the archaeological component of the heritage resources, the site of Nelson's Kop should be avoided. It is indicated in the submissions done to SAHRA that the site will not be impacted by the proposed route of the conveyor.

3. All other heritage resources identified should where possible be left *in situ*. If this is not possible SAHRA should be notified.

4. Decisions for section 34 must be referred to the Provincial Heritage Authority.

Should you have any further queries, please contact the designated official using the case number quoted above in the case header.

Yours faithfully



Phillip Hine
Heritage Officer
South African Heritage Resources Agency



Colette Scheermeyer
SAHRA Head Archaeologist
South African Heritage Resources Agency

ADMIN:

Direct URL to case: <http://www.sahra.org.za/node/118558>

Terms & Conditions:

1. This approval does not exonerate the applicant from obtaining local authority approval or any other necessary approval for

Matimba Ash Disposal Facility

Our Ref: 9/2/253/0003

Enquiries: Phillip Hine
Tel: 021 462 4502
Email: phine@sahra.org.za
CaseID: 2195

Date: Monday July 20, 2015

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an agency of the
Department of Arts and Culture

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.



The South African Heritage Resources Agency

Street Address: 111 Harrington Street, Cape Town 8000 * Postal Address: PO Box 4637, Cape Town 8000
* Tel: +27 21 462 4502 * Fax: +27 21 462 4509 * Web: <http://www.sahra.org.za>