

Proposed part 2 amendment to the existing Environmental Authorisation for the Modderfontein WEF, near Victoria West located in both the Northern and Western Cape

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: Nokukhanya Khumalo

Tel: 021 462 4502

Email: nkhumalo@sahra.org.za

CaseID: 16315

Date: Tuesday May 11, 2021

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Interim Comment

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

Attention: Terramanzi Group (Pty) Ltd

Private Bag x26
Tokai
7966

The original Environmental Authorisation has authorised up to 67 wind turbines for the Modderfontein WEF with a total generating capacity of 201 MW using turbines with a generating capacity of up to 3 MW. The Applicant has proposed the following amendment to the existing Authorisation: Up to 25 wind turbines with a total generating capacity of 140 MW using turbines with a generating capacity of up to 5.6 MW. Please note the proposed development will be an approximately 67% reduction in turbine density which should at least maintain and possibly even reduce the impact levels as previously authorised.

Terra Manzi Group (Pty) Ltd have been appointed by South African Renewable Green Energy (SARGE) (Pty) Ltd to undertake an Environmental Authorisation Amendment application in terms of the National Environmental Management Act, Act no 107 of 1998 (NEMA) as amended, for activities that trigger the NEMA Environmental Impact Assessment (EIA) 2014 Regulations, as amended.

The South African Renewable Green Energy (SARGE) (Pty) Ltd are proposing to reduce the amount of wind turbines that will be installed from 67 turbines with a energy generation capacity of 201 MW down to 25 turbines with a generation capacity of 140 MW. The application area covers of the remainder of the farms Modderfontein 228, Victoria West Local Municipality, in the Northern Cape, and the farm Phaisantkraal 1, Central Karoo Local Municipality, in the Western Cape.

A Heritage Screener has been submitted to SAHRA for commenting in terms of section 38 of the National Heritage Resources Act, no. 25 of 1999 (NHRA). Along with SAHRA's comments for this project in 2011, and 2013. The references for these applications are 9/2/100/0001 and Case ID 2005. SAHRA will only be commenting on the Northern Cape section of the project.

Lavin, J. March 2021. Desktop Heritage Screening Assessment for the Proposed part 2 amendment to the existing Environmental Authorisation for the Modderfontein WEF, near Victoria West located in both the

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Northern and Western Cape.

The Heritage Screener notes that the initial field survey (Binneman 2011) identified various significant MSA and LSA lithic scatters that are mostly out of context owing to water runoff. Some rock engravings and a gong rock were also identified during the survey. The 2011 report recommended further survey of boulders around the areas where the turbines will be constructed for potential rock engravings.

The area is known for the occurrence of surface fossil outcrops from a previous palaeontological field survey that was undertaken and fossils collected by the PalaeoBio research team. The Heritage Screener recommends a field assessment of the area by a palaeontologist once the wind turbine layout is finalised.

Interim Comment

The SAHRA Archaeology, Palaeontology and Meteorites (APM) Unit accepts the recommendations in the Heritage Screener. SAHRA will provide further comments once the reports are uploaded to the case. The EA amendment report must also be uploaded to the case for comments.

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

Yours faithfully

Nokukhanya Khumalo
Heritage Officer
South African Heritage Resources Agency

Phillip Hine

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

ADMIN:

Direct URL to case: <https://sahris.sahra.org.za/node/568461>

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.