

Clive Phashe

From: Clive Phashe
Sent: 03 October 2019 10:17 AM
To: Clive Phashe
Subject: FW: NC30/5/1/2/2/(252) MR - Sinterfontein Waste Rock Dump Merge
Attachments: Case 13642 - Final Comment.pdf

From: Natasha Smyth
Sent: 19 September 2019 03:02 PM
To: Vincent Muila
Cc: Rantsieng, Mase; Louw, Hendrik; nhiggitt@sahra.org.za
Subject: NC30/5/1/2/2/(252) MR - Sinterfontein Waste Rock Dump Merge

Hi Vincent

I hope this email finds you well.

Please see attached final comments received from the South African Heritage Resources Agency for the Merging of the Sinterfontein Waste rock dump with the Tshipi Eastern Waste Rock Dump. With reference to the attached correspondence, SAHRA has asked that we please forward these final comments directly to your department given that the Final BAR and EMPr for the proposed project has been submitted.

Would it be possible for SLR to update the Final BAR that is currently on SAMRAD to include recommendations as set out in the attached correspondence from SAHRA and re-submit the updated Final BAR onto SAMRAD. Please advise?

Kind regards

Natasha



Natasha Smyth
Environmental Assessment Practitioner

☎ +27 83 226 8570
☎ +27 11 467 0945
📄 2029
✉ nsmyth@slrconsulting.com

SLR Consulting (Africa) (Pty) Ltd
Unit 7
Fourways Manor Office Park
1 MacBeth Avenue
Fourways, Johannesburg, Gauteng, 2191



Confidentiality Notice and Disclaimer

This communication and any attachment(s) contain information which is confidential and may also be legally privileged. It is intended for the exclusive use of the recipient(s) to whom it is addressed. If you have received this communication in error, please email us by return mail and then delete the email from your system together with any copies of it. Any views or opinions are solely those of the author and do not represent those of SLR Management Ltd, or any of its subsidiaries, unless specifically stated.

Clive Phashe

Junior Environmental Consultant

+27 11 467 0945

2034

cphashe@slrconsulting.com

SLR Consulting (South Africa) (Pty) Ltd
Unit 7
Fourways Manor Office Park
1 MacBeth Avenue
Fourways, Johannesburg, Gauteng, 2191

THE MERGING OF THE MAMATWAN SINTERFONTEIN WASTE ROCK DUMP AND THE TSHIPI EASTERN WASTE ROCK DUMP

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: 13642

Date: Monday September 16, 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: South 32 - Hotazel Manganese Mine (Pty) Ltd: Mamatwan Mine

6 Hollard Street
Johannesburg
2107

An 18m wide (on surface) boundary is located between the MMT and the Tshipi Borwa Mine. Tshipi and MMT have approval to mine the 18m wide boundary pillar. Additional capacity is required to store waste rock generated as part of mining the boundary pillar. To cater for the additional storage, it is proposed that the Mamatwan Sinterfontein and the Tshipi eastern waste rock dumps are merged to fill the void between the two dumps. MMT is proposing on amending their approved EMP to cater for the merging of the waste rock dumps.

SLR Consulting (South Africa) (Pty) Ltd has been appointed by Mamatwan Mine to conduct an Environmental Authorisation (EA) Application for the merging of the Mamatwan Sinterfontein Waste Rock Dump (WRD) and the Tshipi Eastern WRD, near Hotazel, Northern Cape Province.

A Basic Assessment Report (BAR) has been submitted in terms of the National Environmental Management Act, No 107 of 1998 (NEMA), NEMA Environmental Impact Assessment (EIA) Regulations for activities that trigger the Mineral and Petroleum Resources Development Act, No 28 of 2002 (MPRDA)(As amended). The proposed activities include filling the void between two existing WRDs covering 4 ha.

PGS Heritage has been appointed to provide the heritage specialist component as part of the EA in terms of section 24(4)b(iii) of the NEMA and section 38(8) of the National Heritage Resources Act, Act 25 of 1999 (NHRA).

Smeyatsky, I. 2019. Request for Exemption from a Heritage Impact Study: Mamatwan Mine Waste Rock Dump Extension, Hotazel, Joe Morolong Local Municipality, Northern Cape Province.

The Letter of Recommendation for Exemption notes the disturbed nature of the proposed infill area and cites a field survey undertaken where no heritage resources were identified. Additionally, the letter cites a previous Palaeontological Study that rated the impact significance on palaeontological resources as low. This study has

THE MERGING OF THE MAMATWAN SINTERFONTEIN WASTE ROCK DUMP AND THE TSHIPI EASTERN WASTE ROCK DUMP

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: 13642

Date: Monday September 16, 2019
Page No: 2

not been submitted to SAHRA for review.

Recommendations provided in the letter include the following:

- No further heritage impact of the study area is required;
- In the unlikely event of any unmarked human burials, burial pits, potsherds or stone tools being uncovered during earthworks for the proposed development, these must be reported immediately to the South African Heritage Resources Agency–Burials and Graves Unit (Ms Thinghangwi Thivhase -012 320 8490 / 4968).

In an Interim Comment issued on the 31/05/2019, SAHRA noted that the assessment of palaeontological resources referred to in the motivational letter was not accepted as part of the application the report was submitted to i.e. SAHRIS Case ID 12573 (<https://sahris.sahra.org.za/cases/tshipi-borwa-project>).

SAHRA requests that the outstanding assessment of palaeontological resources is completed before further comments can be provided.

In a letter of response, a second assessment of palaeontological resources was referred to “*Butler, E. 2017. Palaeontological Desktop Assessment for the Establishment of a Diesel Farm and a Haul Road for the Tshipi Borwa Mine Near Hotazel, in the John Toalo Gaetsewe District Municipality in the Northern Cape Province*” for SAHRIS Case ID 10997. This report found that the proposed development is underlain by the Late Cenozoic Kalahari Formation and is unlikely to impact palaeontological resources.

According to the Interim Comment issued on this report for SAHRIS Case ID 10997, the report referred to was not fully compliant as it was missing an official Council of Geoscience map of the geology of the area. This map has been provided as part of the letter of response.

Final Comment

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 EMP:

- 38(4)a – The SAHRA Archaeology, Palaeontology and Meteorites (APM) Unit has no objections to the proposed development;

THE MERGING OF THE MAMATWAN SINTERFONTEIN WASTE ROCK DUMP AND THE TSHIPI EASTERN WASTE ROCK DUMP

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

Date: Monday September 16, 2019
Page No: 3

CaseID: 13642

- 38(4)b – Specific conditions are applicable for the development as follows:
- The geological map provided in the letter must be incorporated into the previously referenced PIA and a legend must be provided regarding the colours of the map to avoid confusion in future;
- 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 above;
- 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;
 - As the Final BAR and EMPr have been finalised, this comment must be forwarded directly to the competent authority for their decision making process. Proof of delivery and receipt thereof must be uploaded to the SAHRIS application 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

THE MERGING OF THE MAMATWAN SINTERFONTEIN WASTE ROCK DUMP AND THE TSHIPI EASTERN WASTE ROCK DUMP

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: 13642

Date: Monday September 16, 2019
Page No: 4

Natasha Higgitt
Heritage Officer
South African Heritage Resources Agency

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

ADMIN:

Direct URL to case: <http://www.sahra.org.za/node/522278>
(DMR - NC, Ref:)

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.