



Final Comment

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

Attention: Mr Hennie van den Aardweg
Ledjadja Coal (Pty) Ltd
P.O. Box 5384
Rietvalleirand
0174

Proposed Marapong Boikarabelo Effluent Transfer (MBET) Project - Pipeline

Higgitt, N. 23 April 2012. Phase 1 Archaeological Impact Assessment for MBET pipeline.

Ledjadja Coal (Pty) Ltd. proposes the construction of a 58 km Marapong Boikarabelo Effluent Treatment pipeline that will transport 16ML/d of treated municipal effluent from the Lephalale Local Municipality via the pipeline. The pipeline will run along the proposed Boikarabelo Railway Line, the Steenbokpan road, and Eskom power line servitude. The portion of the pipeline that will run along the Railway line was excluded from the assessment since it was subject to a previous assessment undertaken by Nel (2011). SAHRA APM Unit commented and made recommendations regarding this assessment.

The survey was conducted via vehicle and spot checks were conducted every 5km. Four sites of heritage significance were identified during the field assessment. However, these exclude the sites that were identified during the Railway assessment. A total of 204 heritage sites were identified during the background research for this project. The following sites were identified:

- 2327CB/001: A farmstead dating to the 1960s located on the farm Zandbult. Although it falls outside the project area, the specialist indicated that it required attention.
- 2327CB/002: A single Middle Stone Age core and flake located within the road servitude. This represents a spot find which is severely disturbed. No further action was recommended by the author
- 2327CB/003: Foundations of an unidentified structure located on the farm Hieromtrent. The site falls adjacent to the road servitude, the specialist alluded to the possibility of historical burials.
- 2327CB/004: A dilapidated mud brick house located outside the road servitude. The specialist indicated that burials may be associated with these sites.

Decision:

SAHRA recommends:

- No further action is required for the archaeological spot find 2327CB/002, the MSA core and flake.
- Since the possibility exists that burials may be present at sites 2327CB/003 and 2327CB/004, the



Marapong Boikarabelo Effluent Transfer

Our Ref: 9/2/221/0001

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CaseID: 635

Date: Thursday October 11, 2012

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recommendation that a monitoring brief should be undertaken during construction in the vicinity of these sites by a professional archaeologists is supported.

- Appropriate measures must be implemented to ensure that the above sites do not get disturbed during construction activities in particular by contractors and construction crew.

- SAHRA made recommendations for the Boikarabelo Railway Link project. The developer must ensure that these recommendations must be implemented. Below are the recommendations for the Railway Link Project (Sites are abbreviated RES901/001 etc):

Supports the recommendation of Phase 2 assessments on the Stone Age Sites 002, 003, 005, and 009. This must include intensive mapping, a detailed photographic record, and sampling where this is deemed necessary. Considering the range of artefacts may be similar across all four sites, it is recommended that sampling should only done at one of the sites. The archaeologist must motivate if collection/excavation are to be done at all four sites. The specialist will require a permit in terms of section 35 of the NHRA (Act no. 25 of 1999). On receipt of a satisfactory Phase 2 mitigation report, SAHRA may make further recommendations.

The recommendation that the identified cemeteries be retained in situ and monitored during construction activities is supported. The graves should be restored where these are dilapidated, protected and conserved in perpetuity. For this purpose, a proper fence must be build around them including entry gates to allow visits from relatives and family friends. The fence must be placed 2 meters away from the perimeter of the graves. No development is allowed within 15 meters from the fence line surrounding the graves.

If the area where the burials are located fall within the development footprint, then provisions stipulated in section 36 of the National Heritage Resources Act (Act No. 25 of 1999) are applicable, and relocation of these might proceed provided that a public consultation process is followed (see Appendix 1 and SAHRA Regulations). In the event that any graves are disturbed decision-making regarding these must be sought from the BGG Unit (Mr. T Phili, email: tphili@sat.sahra.org.za).

If any evidence of archaeological sites or artefacts, or other heritage resources are found during construction activities, the SAHRA APM Unit (**Mrs. Colette Scheermeyer, Mr. Phillip Hine, tel: 021-462 4502**), must be alerted immediately, and a professional archaeologist/palaeontologist must be contacted as soon as possible to inspect the findings at the cost of the developer. If the newly discovered heritage resources prove to be of archaeological/palaeontological significance, then a Phase 2 rescue operation might be necessary at the cost of the developer.

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



The South African Heritage Resources Agency

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Yours faithfully

Phillip Hine
Heritage Officer

Colette Scheermeyer
SAHRA Head Archaeologist
South African Heritage Resources Agency

ADMIN:

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.



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