

BACKGROUND INFORMATION DOCUMENT (BID)

NOTICE OF APPLICATION FOR AN AMENDMENT OF THE WASTE MANAGEMENT LICENSE (WML) FOR ANGLO AMERICAN PLATINUM LIMITED – MOGALAKWENA MINE (WML Amendment Application Ref Nr: 12/4/10/8-A/2/W2-A2; WML Ref Nr: 12/4/10-A/4/W2)

Shangoni Project number: ANG-MOG-14-11-17

20 January 2014



PURPOSE OF THE BID

The purpose of this Background Information Document (BID) is to provide information to Interested and Affected Parties (I&APs) about potential decisions that may affect them and to afford I&APs an opportunity to influence those decisions in the process of applying for an Amendment of a Waste Management License for the Anglo American Platinum Limited – Mogalakwena Mine.

BACKGROUND TO THE PROJECT

Anglo American Platinum Limited – Mogalakwena Mine has applied for amendment of their Waste Management License, dated 9 May 2012 and with reference number 12/4/10-A/4/W2.

There are currently a total of 1 489 waste tyres present on waste rock dump W07 on the mine. A new initiative has been proposed, in partnership with REDISA (Recycling and Economic Development Initiative of South Africa), for the waste tyres that have accumulated on the mine. The proposed initiative is called the OTR Downsizing Project and entails downsizing waste tyres on the mine before they are removed to REDISA depots where the rubber pieces can be re-used and/or recycled as part of other initiatives, such as in waste tyre pyrolysis plants.

The proposed project includes the de-beading, cutting and shredding of waste tyres into small rubber pieces.

The following infrastructure, machinery and vehicles will form part of the above mentioned project and process:

1. Tyre de-beader: The de-beader will be used to remove the bead bundles from the tyres. A tele handler will load the tyres into the de-beader.
2. Punch cutter: The punch cutter will be used to cut the tyres in bagel sections (in other words, to cut the tyres horizontally into two halves). The tyres will be loaded into the cutter using a tele handler and the movement of the punch cutter will be via a portal crane or tele handler.
3. Tyre cutter: The cutter will be used to cut the tyres into segments that can be loaded into the shredder unit. A tele handler will handle the tyres and a skid loader will be used to move the segments.
4. Two mobile shredders: The shredders will be used to shred the segments from the tyre cutter into small pieces. The shredders will be loaded using a tele handler and skid loaders.
5. Tele handler: The tele handlers will be used to move the bulk of all mobile materials at the facility.
6. Skid loader(s): The skid loaders will be used to move segmented rubber material.
7. Portal crane: A portal crane may be used to move the punch cutter onto and off of the tyres. Such a crane will require a concrete slab.
8. Fuel tank: A 1 500 to 2 000 litre fuel tank may be installed depending on the selected fuelling system.
9. Two park homes for meeting/lunch rooms and to house the site management team.
10. Ablution facilities.

11. Workshops: Either with concrete bases or merely consisting of containers.
12. Fencing: A 2m high diamond mesh perimeter fence with a 10m wide gate.
13. Shade netting: Either portable gazebos (3m x 3m) or fixed netting with concrete slabs.
14. Side tipper trucks to transport the shredded rubber. It is assumed that the truck trailers will hold 18-20 tons of shredded rubber.
15. Rorobins: Waste tyre beading and rubber crumbs will be disposed of using Rorobin systems. The tyre crumbs will likely be contaminated with concrete, soil, steel and rubber and will therefore not be suitable for recycling. This waste will need to be disposed of at a suitably licensed landfill site.
16. Wheelie bins for general waste sorting.
17. Conveyors.
18. Lightning protection.

Wetting of the tyres is being considered in order to improve the cutting and shredding process.

As the Waste Tyre Storage Area has an existing Waste Management Licence (12/4/10-A/4/W2), the applicant would hereby like to apply for an amendment of the existing licence to include the proposed Downsizing Project initiative, as described above. The downsizing project will result in the removal of waste tyres (in the form of shredded pieces) from the mine, thereby eliminating the current stockpiling of large amounts of waste tyres on the mine.

LEGISLATIVE REQUIREMENTS

Application submitted to the competent Authority

The Application for the Amendment of the Waste Management License was submitted to the Limpopo Department of Economic Development, Environment and Tourism (LEDET) on the 10th of December 2014. The application was accepted by LEDET on the 5th of January 2015 and subsequently the reference number 12/4/10/8-A/2/W2-A2 was assigned to the project.

Activities applicable to the application

The Waste Management License (12/4/10-A/4/W2) was for the following listed activities in

terms of Category A (Government Notice No. 718 dated 3 July 2009):

- Listed Activity 4: "The storage of waste tyres in storage areas exceeding 500m²"; and
- Listed Activity 18: "The construction of facilities for activities listed in Category A of this Schedule (not in isolation to associated activity)".

Legislation associated with the application

In order to comply with the requirements of the Limpopo Department of Economic Development, Environment and Tourism, Anglo American Platinum Limited – Mogalakwena Mine has appointed Shangoni Management Services (Pty) Ltd (Shangoni) as the independent environmental assessment practitioner (EAP) in terms of Regulation 16 of GNR 543, to undertake and manage the processes of applying for amendment of the Waste Management License, the Public Participation process in terms of Section 41(3) of the EIA Regulations, 2010 (GNR 543), as amended), and any other requirements from the competent authority. Furthermore, Shangoni meets the requirements set out in Regulation 17 of GNR 543.

PUBLIC PARTICIPATION

People have a right to be informed about potential decisions that may affect them and to be afforded an opportunity to influence those decisions.

Register as an I&AP

You may be an I&AP for this proposed Waste Management License Amendment application process. To register as an I&AP for this project, or to obtain more information or submit comments, please complete the Interested and Affected Party Registration Form (provided in this BID) and return it to Shangoni at the details provided below.

Newspaper advertisement

An advertisement providing information as contained in this BID will be placed in the Bosveld Review Newspaper on the 23rd of January 2015.

Where to obtain more information

To obtain additional information, please contact the EAP at the details provided below.

Environmental Assessment Practitioner: Shangoni Management Services (Pty) Ltd

Contact person: Lizette Crous

Tel: 012 807 7036

Mobile: 071 673 3355

E-mail: lizette@shangoni.co.za

Fax: 012 807 1014/086 643 5360

Postal Address: P. O. Box 74726, Lynnwood Ridge, 0040

SHANGONI
Management Services (Pty) Ltd

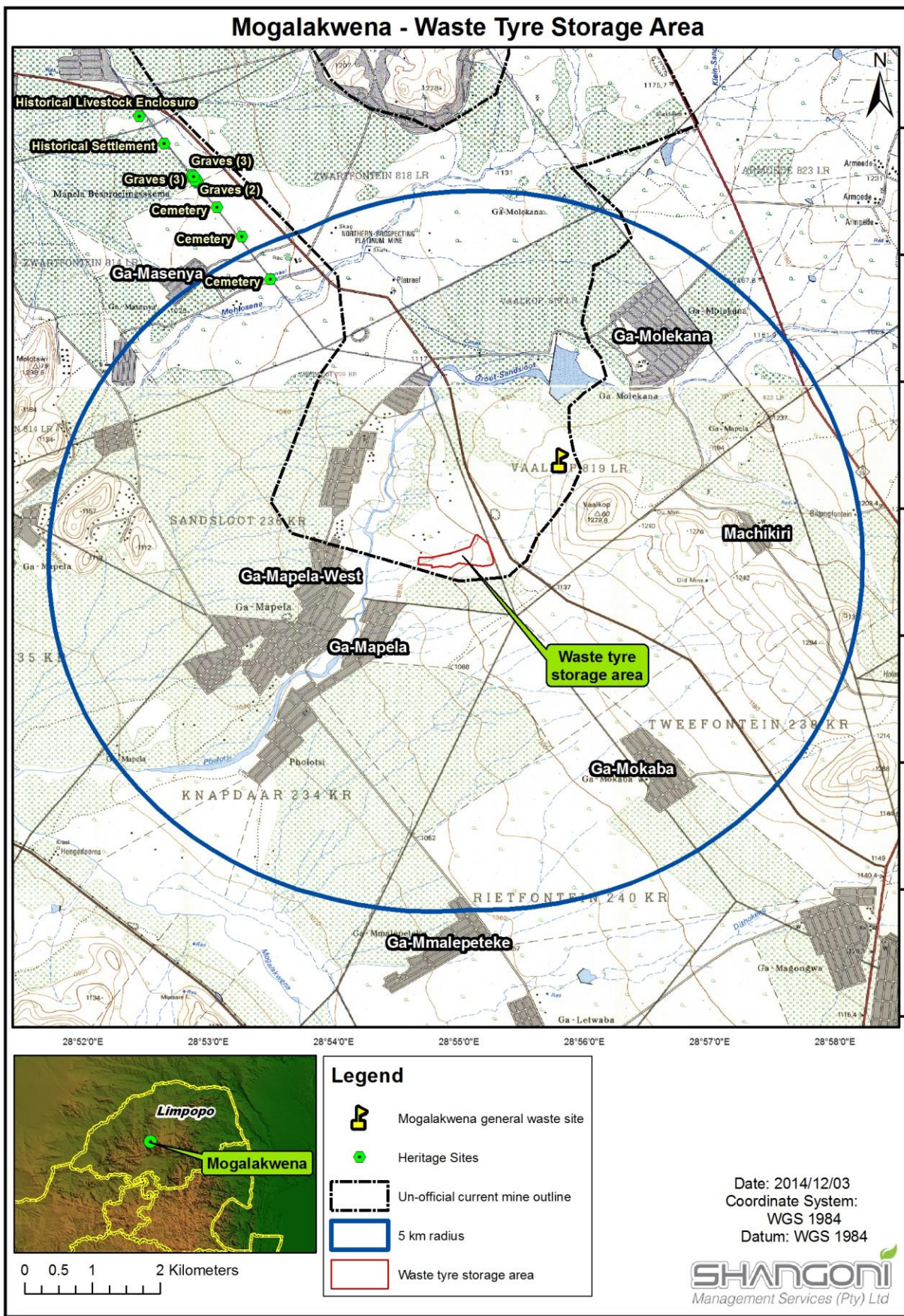


Figure 1: Locality of the Waste Tyre Storage Area

INTERESTED AND AFFECTED PARTY REGISTRATION FORM

**APPLICATION FOR AN AMENDMENT OF THE WASTE MANAGEMENT LICENSE FOR ANGLO
AMERICAN PLATINUM LIMITED – MOGALAKWENA MINE
(WML Amendment Application Ref Nr: 12/4/10/8-A/2/W2-A2; WML Ref Nr: 12/4/10-A/4/W2)**

Please complete this form and return it to Shangoni Management Services (Pty) Ltd. to ensure that you are registered as an Interested and Affected Party (I&AP).

By answering the questions below you will help us to develop a better understanding of your information requirements. The form also gives you the opportunity to make comments regarding the project. Additional pages may be attached.

I&AP Details:

Full name and surname: _____

Contact details: _____

Physical address: _____

Postal address: _____

Preferred method of communication: _____

Preferred telephonic communication: _____

Organisation/Representative: _____

Farm name, number and subdivision or _____

Street Address (if applicable): _____

Tel (w): _____ Tel (h): _____
Fax: _____ Cell: _____
E-mail: _____

Fax E-mail Post
 Cell Home Work

Questions

1) Where did you get information regarding the proposed project?

Newspaper advertisement Notice board Flyer Other (please specify)

2) Do you represent a company/organisation or is your interest on behalf of yourself?

3) Do you know of anyone that is affected by the proposed activity who was not informed of the project?
(Please provide contact details)

Do you have any specific concerns or comments regarding the proposed project?

YES

NO

If yes, please indicate what your comments are?

