

BACKGROUND INFORMATION DOCUMENT (BID)

NOTICE OF APPLICATION FOR AN ATMOSPHERIC EMISSION LICENCE BY DE BEERS CONSOLIDATED MINES (PTY) LTD, VENETIA MINE

Shangoni Project number: DEB-VEN-13-03-15
AEL application reference number: 12/4/12L-V7.

17 June 2015

PURPOSE OF BID

The purpose of this Background Information Document (BID) is to provide the following information regarding the Atmospheric Emission License (AEL) application to relevant organs of state, interested persons and the public:

- The nature and purpose of the license being applied for;
- Particulars of the listed activities;
- Location of the Venetia Mine and the location where the listed activities are carried out; and
- Providing a reasonable period within which written representation on or objections to the application may be submitted.

NATURE AND PURPOSE OF LICENSE

The National Environmental Management: Air Quality Act, 2004 (Act No. 39 of 2004) and National Environmental Management: Air Quality Amendment Act, 2014 (Act No. 20 of 2014) (NEM:AQA) were developed to reflect the overarching principles within the Environmental Management Act, 1998 (Act No. 107 of 1998) (NEMA), as amended, to meet the terms of general environmental policies and to bring legislation in line with both local and international good air quality management practices, with the aim to update and improve air quality legislation in South Africa.

Processes published in Government Gazette (GG) No. 37054, General Notice (GN) 893, dated 22 November 2013 require licensing in terms of Section 22 of NEM: AQA.

LISTED ACTIVITY

The following is a brief description of activities at Venetia Mine found to draw a parallel with activities categorised in part 3 of GN893 that require licensing as per Section 22 of NEM: AQA:

- Venetia Mine's red area incinerator has a design capacity of 330 General Refuse Equivalent (G.R.E) units per hour. The design capacity of the red area incinerator exceeds the permissible treatment rate, of at least 10kg per day of general and hazardous waste, set out in sub category 8.1 of this notice and therefore requires licensing;

- The small incinerator, located at the sewage treatment plant, is operated once a week to incinerate approximately 1.6kg of waste consisting of rags, plastics, paper and sanitary waste. The small incinerator's burning rate falls within the permissible waste treatment rate, set out in sub category 8.1 of this notice and does not require licensing;
- The permanent immobile petroleum storage facilities at Venetia Mine have a combined storage capacity of 1430.75m³. The combined storage capacity at this site is greater than the storage limit 1000m³ set out in sub category 2.4 of this notice and require licensing;
- Venetia Mine has four diesel generators, each with a design capacity of 2.8MW. The individual design capacity of each generator unit (2.8MW) does not exceed the stipulation of 10MW heat input per unit, for reciprocating engines in subcategory 1.5 of this notice and does not require licensing; and
- Based on records taken of the type and quantity of explosive packaging burned from the year 2012, it was determined that an average weight of 128kg of explosive packaging is burned at a time. This burning lasts approximately three hours. Recordings of these burning episodes ($\pm 128\text{kg}/3\text{hrs}$) were primarily made on a weekly basis. Burning grounds, as per sub category 8.3 of this notice, are described as facilities where waste material from the manufacture of explosives and contaminated explosive packaging material are destroyed. This applies to all installations disposing of more than 100kg of material per week. The open burning of explosive packaging therefore require licensing.

LOCALITY

Venetia Mine is remote, situated approximately 80km west of the town Musina. (Coordinates of the center of the site: -22.433140°, 29.316836°). The site falls within the Musina Local Municipality and Vhembe District Municipality, Limpopo Province.

STAKEHOLDER ENGAGEMENT

Written representation on or objections to the application may be submitted to the EAP, at the details provided below, by the 31st of July 2015. These written representation on or objections to the application will then be forwarded to the Air Quality Official at the Limpopo Department of

Economic Development, Environment and Tourism (Licensing Authority).

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: Patricia van der Walt

Tel: 012 807 7036

Mobile: 082 566 4444

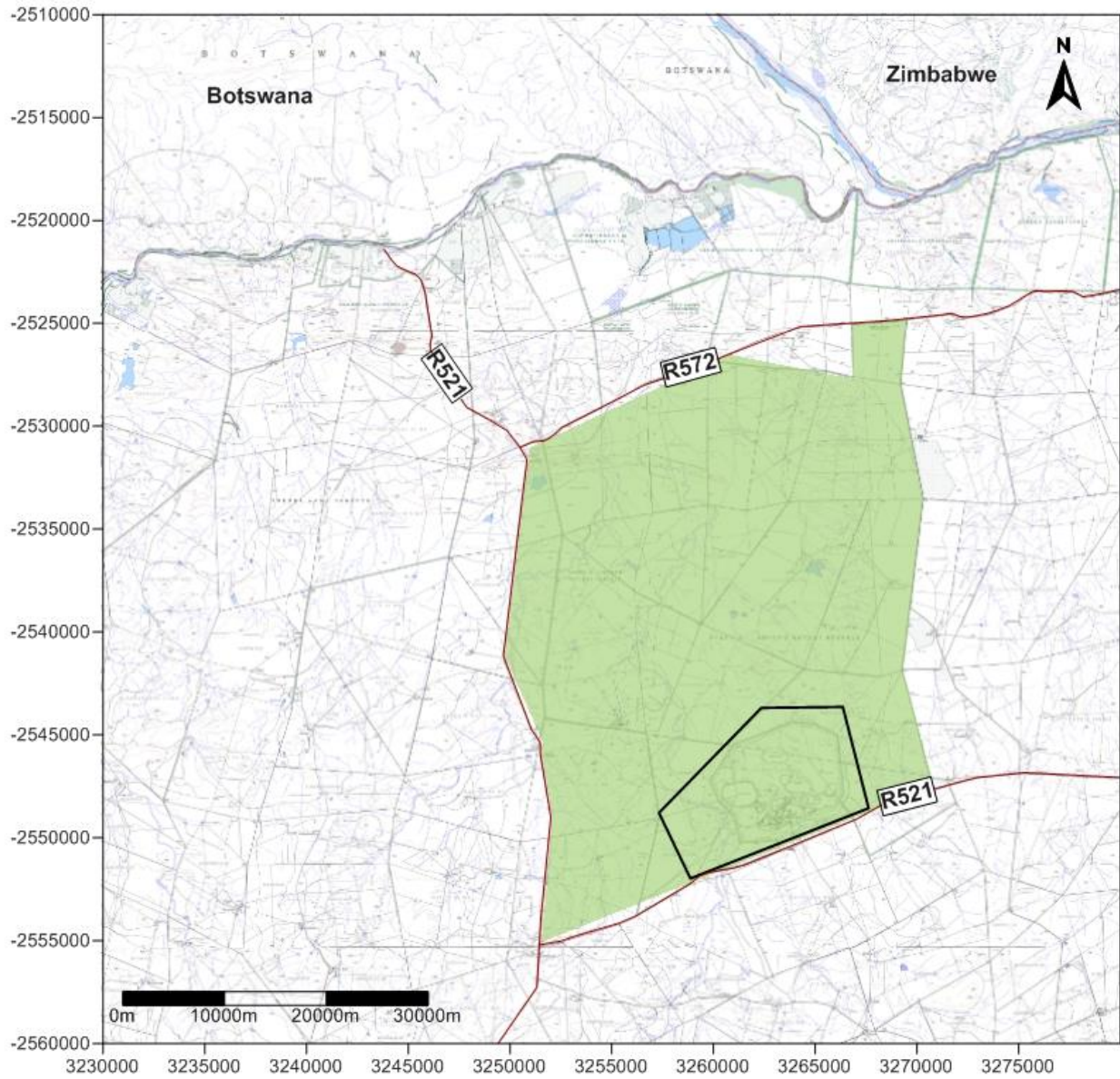
E-mail: patricia@shangoni.co.za

Fax: 012 807 1014

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



DE BEERS: VENETIA MINE Locality Map



Ledgend

- Venetia Mine Boundary
- Venetia Limpopo Nature Reserve

Date: 19/04/2015
Datum: World Geodetic System 1984
Conversion Target: WGS84
Projection: Mercator (EPSG 3395)

SHANGONI
Management Services (Pty) Ltd

Figure 1: Locality of the Site.

REGISTRATION FORM

**NOTICE OF APPLICATION FOR AN ATMOSPHERIC EMISSION LICENCE BY DE BEERS
CONSOLIDATED MINES (PTY) LTD, VENETIA MINE**

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:

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

Physical address: _____

Postal address: _____

Preferred method of communication: fax e-mail post

Preferred telephonic communication: cell home work

Organisation/Representative: _____

Farm name, number and subdivision or

Street Address (if applicable): _____

Questions

1) Where did you get information about 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 the comments are?

