

# Kokerboom Reservoir and Pipeline Upgrade

## ENVIRONMENTAL AUTHORISATION APPLICATION: UPGRADE OF THE KOKERBOOM RESERVOIR AND PIPELINE, NAMAKWA DISTRICT MUNICIPALITY, NORTHERN CAPE

### Background Information Document

#### Background

Black Mountain Mining (Pty) Ltd has initiated the process to ensure that their activities are conducted effectively, legally and in the most efficient manner.

Black Mountain Mining (Pty) Ltd is currently planning to:

- o Upgrade the Kokerboom Reservoir and Pipeline on Portion 01 and Remaining Extent of the Farm Aggeneys 56, within the Khâi-Ma Local Municipality, Northern Cape Province.

Before the proposed project may go ahead, a Basic Assessment Report (BAR) process need to be completed in terms of the following legislation:

- o National Environmental Management Act (No. 107 of 1998 as amended June 2021)

EndemicVision Environmental Services (Pty) Ltd has been appointed as the independent environmental assessment practitioner, to undertake the Basic Assessment Reporting (BAR) and associated public participation process for the application.

This document intends to:

- o Inform interested and affected parties (I&APs) of the application for upgrading;
- o Provide I&APs with documents at various stages during the environmental assessment process; and
- o Invite comment and input into the process.

You are invited to engage in the process by submitting issues of concern and suggestions to the proposed application.

#### Application and Activities

The following application will be submitted to the competent authority, namely:

- o Application for Environmental Authorisation in terms of the National Environmental Management Act, 1998 (Act no. 107 of 1998).

Submission is made to the Department: agriculture, environmental affairs, land reform and rural development, Northern Cape Province.

The listed activities that have been triggered by the proposed upgrade project are:

- o **Activity number 9 of NEMA GN.R.327 of 2014 (as amended in GN.R.517) (Listing Notice 1)**

The development of infrastructure exceeding 1000 meters in length for the bulk transportation of water or storm water-

- (i) with an internal diameter of 0,36 meters or more

- o **Activity number 45 of NEMA GN.R.327 of 2014 (as amended in GN.R.517) (Listing Notice 1)**

The expansion of infrastructure for the bulk transportation of water or storm water where the existing infrastructure-

- (i) Has an internal diameter of 0,36 meters or more; and  
(a) Where the facility or infrastructure is expanded by more than 1000 meters in length

- o **Activity number 2 of NEMA GN.R.324 of 2014 (as amended in GN.R.517) (Listing Notice 3)**

The development of reservoirs, excluding dams, with a capacity of more than 250 cubic meters.

- (i) Outside urban areas:
- (dd) Critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans

- o **Activity number 12 of NEMA GN.R.324 of 2014 (as amended in GN.R.517) (Listing Notice 3)**

The clearance of an area of 300 square meters or more of indigenous vegetation except where such clearance of indigenous vegetation is required for maintenance purposes undertaken in accordance with a maintenance management plan.

- (ii) Within critical biodiversity areas identified in bioregional plans

Upgrading activities triggering the listed activities include:

- o The upgrading of the current Kokerboom pipeline by constructing a 7.1 km uPVC pipeline of 0,400 meters in diameter and a 0.7 km uPVC pipeline of 0,315 meters in diameter.
- o Two reservoirs will be constructed. The capacity of each reservoir will be 5 200 cubic meters. The combined capacity will thus be 10 400 cubic meters and exceeds 250 cubic meters within a critical biodiversity area (CBA1).
- o The clearance of vegetation for the upgrade of the reservoirs and pipeline will exceed 300 square meters within critical biodiversity areas (CBA1 and CBA2).

Before the proposed project may go ahead, a Basic Assessment Reporting process must be completed. This process must be submitted as part of the Application.

The submission of reports to the competent authority will include an assessment of all impacts related to the project with avoidance, mitigation and management measures included in the EMPr.

## Basic Assessment Report Process

The objectives of the BAR process are to provide:

- o I&APs with adequate information to understand the potential environmental and socio-economic impacts associated with the proposed project and opportunities for them to comment on the BAR process;

- o the engineering team with information that will assist them to incorporate effective measures into the construction of the reservoir and pipeline to minimise negative impacts and enhance benefits of the project; and
- o the regulatory authorities with sufficient information to serve as a basis for sound decision making.

## Aim of the Application

The aim of the application is to upgrade the Kokerboom Reservoir and Pipeline on Portion 01 and Remaining Extent of the Farm Aggeneys 56, legally and in the most efficient manner.

## Project Description & Location

The Kokerboom Reservoir and pipeline will cover an approximate area of 13 ha and is situated on Portion 1 and the Remaining Extent of the Farm Aggeneys 56. The reservoir is located approximately 4km North-East of Aggeneys with the pipeline extending from the reservoir towards the edge of the town and around the town, within the Khâi-Ma Local Municipality, Northern Cape Province.

The development will consist of the construction of a 7.8 km uPVC pipeline and two 5200 cubic meters prefabricated reservoir tanks consisting of AZ150 Aluminium Zinc coated steel sheets and lined with PVC.

The locality map below indicates the site where the development is planned.

**Table 1: Stakeholder Engagement Activities**

| Activities  | Date              |
|---|-------------------|
| Submission of Application forms   | 06 August 2021    |
| Advertisement in newspaper  | 18 August 2021    |
| Availability of Draft Basic Assessment and Environmental Management Programme Reports to all registered stakeholders for comments | 06 September 2021 |
| Submit Final BAR & EMPr Reports to authorities and availability to all registered stakeholders                                    | 08 October 2021   |



### How can you get involved?

- o Register as an Interested and Affected Party
- o Voice your concerns about proposals and their potential impacts
- o Assist with information that will contribute to a thorough study and EIA.

### Your registration and comments are important for this process.

You are invited to raise issues of concern, identify opportunities and provide suggestions associated with the proposed project, pertaining to potential positive or negative environmental and social impacts which should be investigated during the BAR process.

You are invited to register as an I&AP for PPP for this project. If you wish to be registered, please complete attached registration form and return to EndemicVision (details below) within 14 working days of this notice.

**Kindly complete the attached registration and comment form and return before**

**01 September 2021 to:**

Elsche Cronje  
EndemicVision Environmental Services (Pty) Ltd

**Email:** ec@endemicvision.co.za  
**Postal:** P.O. Box 2061, Kathu, 8446  
**Cell:** 072 182 6937  
**Tel:** 053 723 1379

[www.endemicvision.co.za](http://www.endemicvision.co.za)



**On behalf of:**  
Black Mountain Mining (Pty) Ltd



**We thank you for your participation**

## Registration / Comment Form

|   |         |           |       |      |
|---|---------|-----------|-------|------|
| <b>ENVIRONMENTAL AUTHORISATION APPLICATION FOR THE UPGRADE OF THE KOKERBOOM RESERVOIR AND PIPELINE, NAMAKWA DISTRICT MUNICIPALITY, NORTHERN CAPE</b>  |         |           |       |      |
| <b>PLEASE COMPLETE AND RETURN THIS FORM SO WE HAVE YOUR COMPLETE CONTACT DETAILS</b>  |         |           |       |      |
| Closing Date for Registration and Initial Comments: <b>01 September 2021</b>  |         |           |       |      |
| <b>PARTICULARS OF INTERESTED AND AFFECTED PARTIES</b>   |         |           |       |      |
| Name:   |         | Surname:  |       |      |
| Title:  |         | Initials: |       |      |
| Organisation / Interest:  |         | Capacity: |       |      |
| Postal / Residential Address:   |         |           |       |      |
|   |         |           |       |      |
|   | Area:   |           | Code: |      |
| Contact Details:  | Tel:    |           |       |      |
|   | Fax:    |           |       |      |
|   | Mobile: |           |       |      |
|   | Email:  |           |       |      |
| Would you like to participate in the process? ( <i>Mark with an X</i> )   |         |           |       | Yes  |
|   |         |           |       | No   |
| Preferred method of communication ( <i>Mark with an X</i> )   | SMS     | Email     | Fax   | Post |
| What is your concern or support for the proposed project?   |         |           |       |      |
|   |         |           |       |      |
|   |         |           |       |      |
| How do you consider the proposed project will impact your socio-economic conditions? Do you have suggestions to mitigate the anticipated impacts of the proposed project? Do you have information regarding the location of current land uses or environmental features on site?  |         |           |       |      |
|   |         |           |       |      |
|   |         |           |       |      |
|   |         |           |       |      |
| Please indicate in which aspects you would require additional information:  |         |           |       |      |
|   |         |           |       |      |
|   |         |           |       |      |
| If you are aware of any people who should be contacted in this process, please provide their details here:  |         |           |       |      |
| Name:   |         | Surname:  |       |      |
| Tel:  |         | Fax:      |       |      |
| Mobile:   |         | Email:    |       |      |
| Please add additional pages if required   |         |           |       |      |
| Please return the completed registration form via email or mail to: EndemicVision (Pty) Ltd<br><b>Contact Details:</b> Elsche Cronje<br>Address: PO Box 2061, Kathu, 8446<br>Mobile: 072 182 6937<br>Tel: 053 723 1379<br>Email: <a href="mailto:ec@endemicvision.co.za">ec@endemicvision.co.za</a><br><a href="http://www.endemicvision.co.za">www.endemicvision.co.za</a> |         |           |       |      |