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".....attitude of gratitude...."

Project Management, Peer Review, Advisory, Education

"....we all live down stream...."

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June 2023

**NOTICE OF AN ENVIRONMENTAL AUTHORISATION PROCESS FOR EASTERN PLATINUM –  
MARIKANA OPERATIONS' PROPOSED RE-MINING OF ITS TAILINGS DAM 2, LOCATED NEAR  
MARIKANA, NORTH WEST PROVINCE**

**1. Introduction and Background**

Sibanye-Stillwater owns and operates the Marikana Operations located near Marikana, in the North-West Province. The Marikana Operations are divided into Western Platinum (Pty) Ltd (WPL) and Eastern Platinum (Pty) Ltd (EPL), each with its own set of mining rights. Marikana Operations are currently mining both the Merensky and Upper Group 2 Reef (UG2) for Platinum Group Metals (PGMs).

The EPL Tailings Dam Complex comprises two tailings dams, namely Tailings Dam 1 (TD1) and Tailings Dam 2 (TD2). TD1 has been dormant since October 2004 and re-mining of this facility commenced in February 2018. TD2 has been operational since 2002 with tailings deposited from EPL and Eastern Platinum Concentrator (EPC) plants.

It is the intension of Sibanye-Stillwater to commence with the re-mining of TD2, once the re-mining of TD1 is completed. Re-mining will be undertaken via a hydraulic mining process and tailings material will be transported in existing pipelines to the UG2 Concentrator for re-treatment. Before Sibanye-Stillwater may commence with the re-mining of TD2, environmental authorisation needs to be obtained.

**2. Purpose of this letter**

This notification letter provides stakeholders with information about the proposed project, the regulatory processes and how to become involved in the process. Alta van Dyk Environmental Consultants cc (AVDE) has been appointed as the independent Environmental Assessment Practitioner (EAP) to undertake the required environmental authorisation and associated public participation process.

You are invited to register as an Interested and Affected Party (I&AP) for this project and to comment or raise any issue of concern. To register for the proposed project and receive additional notifications, please complete the enclosed registration form, and send to the undersigned.

### 3. Location of the project

A description of the property on which the proposed project is located is provided in Table 1. Figure 1 provides a visual representation of the TD2 to be re-mined. Refer to

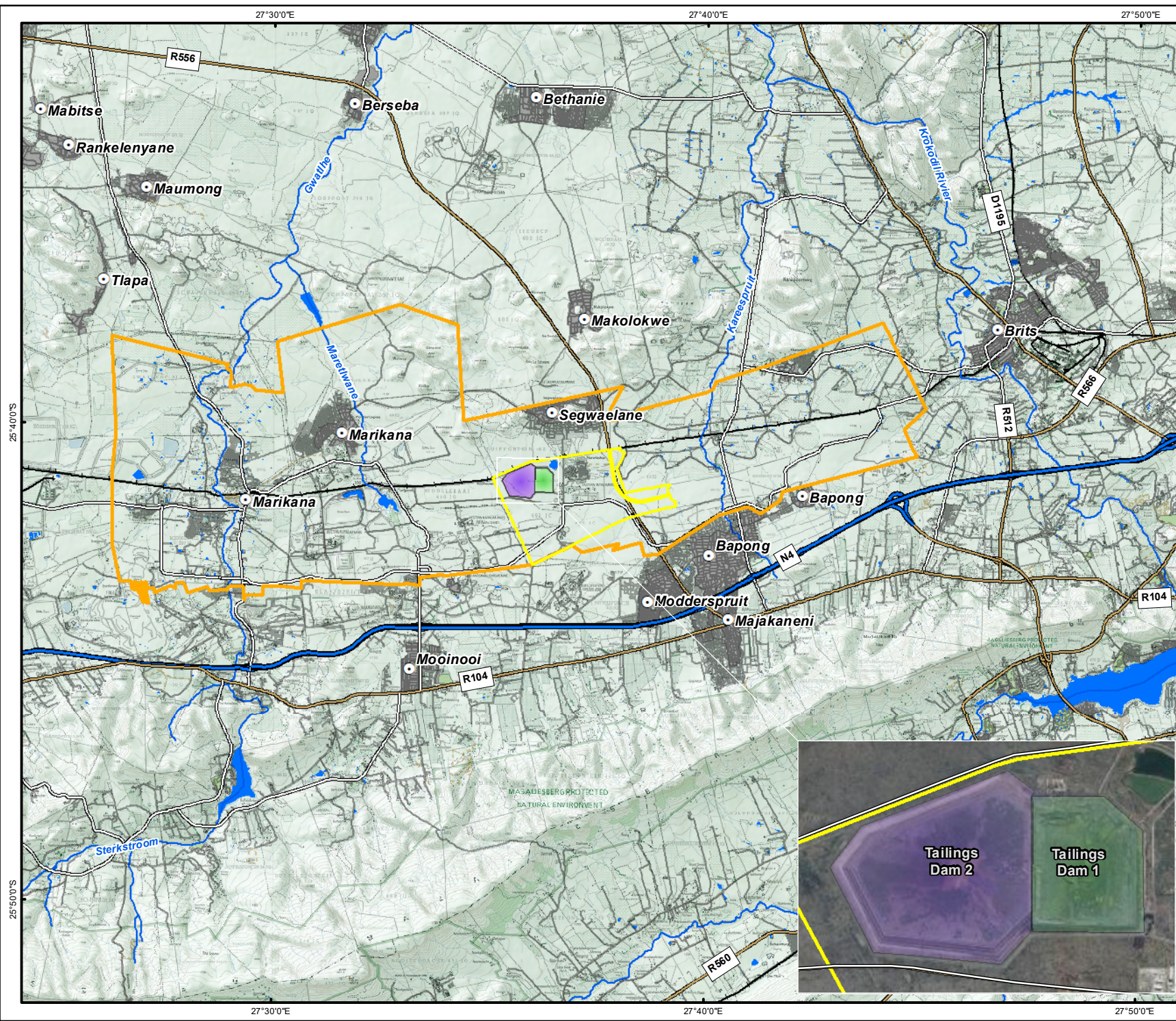
Figure 2 for a locality map of the proposed project.

**Table 1: Description of property**

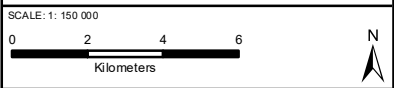
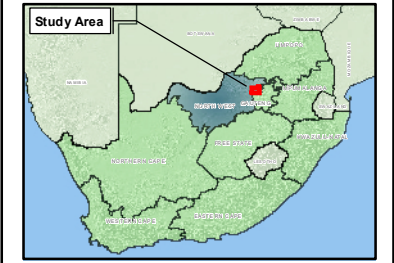
<b>Farm name</b>	Turffontein 462 JQ Portion 3
<b>Area of re-mining</b>	~135 ha
<b>Magisterial district</b>	Madibeng Local Municipality Bojanala Platinum District Municipality
<b>Distance and direction from nearest town</b>	10 km west of Marikana 8 km north west of Mooinooi



**Figure 1: Setting of EPL TD2 to be re-mined**



- ### Legend
- Sibanye Mine Lease Boundary
  - Turffontein 462 Portion 3
  - Tailings Dam 1
  - Tailings Dam 2
  - Towns
  - Buildings/Ruins
  - Railway
  - Motorway
  - Secondary Road
  - Tertiary Road
  - Street/Road
  - Track
  - Contours
  - Rivers
  - Cadastral Farms
  - Built Up Areas
  - Open Areas
  - Water Area



TITLE:  
**Locality map of EPL Tailings Dam 1 & 2**

CLIENT:  
**Sibanye-Stilwater**

DATE: June 2023	PROJECT: SIBANYE_STILLWATER
DRAWN: THURLOW MAPPING	APPROVED: SVR

MAP: TD1_TD2_LOCALITY	REV: 0
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Alta van Dyk Environmental Consultants cc (2011/059764/23)  
 VAT No: 4630259952  
 Tel: 012 940 9457  
 Fax: 086 634 3967  
 Cell: 062 782 4005



Projection: Transverse Mercator CM; 27 Datum: WGS 84  
 Source: Chief Directorate National Geo-Spatial Information, NGL TOP050\_Mosaic\_latest\_Editions\_Jan-2017.ecw  
 DWA - NGA Geosites Inset: ESRI Data and Maps

SIZE:  
**A4**



#### 4. Legislative requirements

The environmental authorisation required for the proposed remining of EPL TD2 is as follows:

- A Basic Assessment process in terms of the National Environmental Management Act (Act 107 of 1998) (NEMA) and the Environmental Impact Assessment (EIA) Regulations. The competent authority for this process is the North West Department of Mineral Resources and Energy (DMRE);

During the Basic Assessment process, potential impacts are identified, and management measures are proposed to mitigate negative impacts and enhance positive impacts. A Basic Assessment Report will be compiled and made available for public comment for a period of 30 days. All registered I&AP's will be informed of the availability of the Draft Basic Assessment Report. Once the public comment period is concluded, the Basic Assessment Report will be updated with the comments received from stakeholders and will be submitted to DMRE for decision making. The legislative process to be followed is illustrated in Figure 3 overleaf.

#### 5. Specialist Studies to be undertaken

The following specialist studies will be undertaken in support of the environmental authorisation application:

- Vegetation statement
- Agricultural statement
- Air Quality
- Noise
- Groundwater
- Wetland
- Heritage
- Closure

#### YOUR COMMENT IS IMPORTANT

Your comments and suggestions on any aspect of the proposed project, including the technical and stakeholder engagement processes, will ultimately assist the authorities in their decision-making process. If you wish to receive further notifications and documentation regarding the proposed re-mining of EPL TD2 project, kindly complete the attached registration form, and send to Alta van Dyk Environmental Consultants.

If you would like more information on the proposed project, or comment on the proposed project, please direct them to the undersigned.

Kind regards,

Suzanne van Rooy

**Alta van Dyk Environmental Consultants cc**

Tel number: 012 940 9457

Fax number: 086 634 3967

Postal Address: Postnet Suite #745, Private Bag X 1007, Lyttelton, 0140

Email: [suzanne@avde.co.za](mailto:suzanne@avde.co.za)

*In terms of section 11 of the Protection of Personal Information Act (POPIA), all personal information collected will be processed lawfully and explicitly for the Environmental Authorisation Process and Water Use Licence Application.*

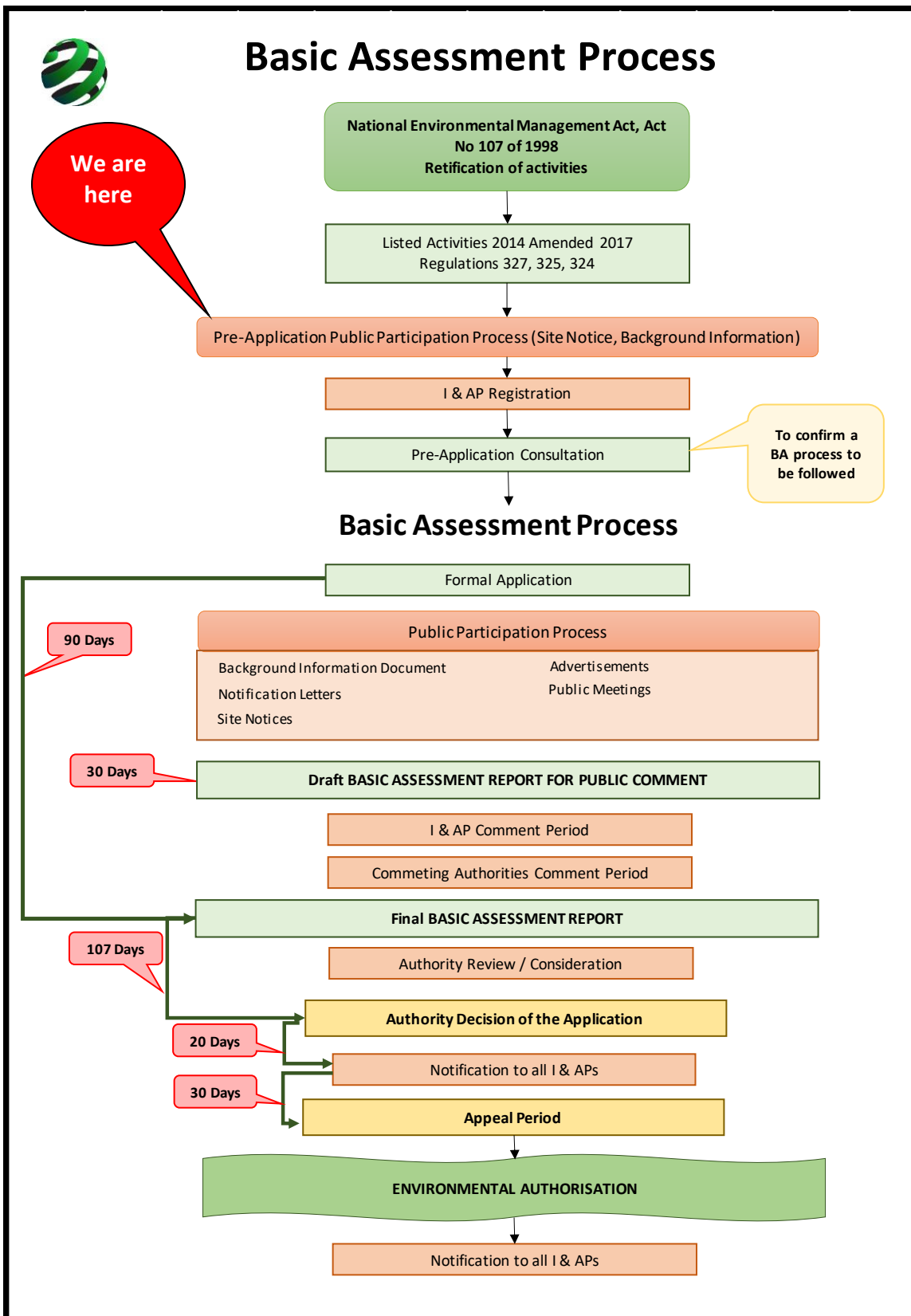


Figure 3: Basic Assessment Environmental Authorisation Processes

**REGISTRATION AND COMMENT SHEET**  
**ENVIRONMENTAL AUTHORISATION FOR THE PROPOSED RE-MINING OF EPL**  
**TD2 LOCATED NEAR MARIKANA, NORTH WEST PROVINCE**

Kindly complete this form and return to:  
 Suzanne van Rooy at Alta van Dyk Environmental Consultants cc (AVDE)  
 Postnet Suite # 745, Private Bag X 1007, Lyttelton, 0140  
 Email: [suzanne@avde.co.za](mailto:suzanne@avde.co.za)  
 Tel: 012 940 9457  
 Fax: 086 634 3967

**YOUR CONTACT DETAILS**

<b>Title</b>		<b>First name</b>	
<b>Initials</b>		<b>Surname</b>	
<b>Organisation</b>			
<b>Postal address</b>			<b>Postal code</b>
<b>Landline</b>		<b>Cell</b>	
<b>Fax</b>		<b>Email</b>	

**COMMENTS (use a separate sheet if you wish to)**
