



Minutes

Sibanye-Stillwater	
Date: 17/05/2023	

Meeting Details: Pre-Application meeting for K4 Shaft Pollution Control Dam and Waste Rock Dump GN704 project.		
Date: 17 May 2023	Time: 14h00	Place: Microsoft Teams
Meeting called by	Lenaldi Görgens	
Type of meeting	Pre-Application Meeting	
Facilitator	Lenaldi Görgens	
Note taker	Lenaldi Görgens/Suzanne van Rooy	
Attendees	<p><u>Department of Mineral resources and Energy (DMRE)</u> Desmond Makamu (DM)</p> <p><u>Sibanye-Stillwater (SS)</u> Yolande Janse van Resburg (YvR) Madeleine Bornman (MB) Tshepo Mthobi</p> <p><u>Alta van Dyk Environmental Consultants (AvDE)</u> Lenaldi Görgens Suzanne van Rooy</p>	
Apologies	N/A	
Discussion - Presentation		
Sibanye-Stillwater Western Platinum (Pty) Ltd, K4 PCD and Waste rock GN704		
<u>Introduction and Welcome:</u>		
<ul style="list-style-type: none"> • Introduction and welcome • Safety moment 		
<u>Agenda</u>		
<ul style="list-style-type: none"> • 1Introduction and welcome • Purpose of the meeting • Project overview • Project location • Specialist studies • Legislative requirements • Public participation • Way forward 		
<u>Purpose of the meeting</u>		
<ul style="list-style-type: none"> • Pre-Application meeting with the DMRE • Introduce and present the project • Confirm environmental authorization process • Agree on way forward 		
<u>Project overview</u>		
<ul style="list-style-type: none"> • <u>Sibanye-Stillwater</u> is the owner of the K4 Shaft that forms part of the Marikana Operations located near Marikana town, North-West Province • The Shaft was on Care and Maintenance but has been ramped up to operational recently • Sibanye is planning on extending the life of mine (LOM) of the K4 shaft by 30 years • The current Waste rock dump (WRD) has been established by the previous owner • The WRD was approved in 2012, the new operations will utilise the full capacity of the authorised WRD • Additional stormwater control measures is planned for the WRD • A new Pollution Control Dam (PCD) is planned to contain dirty water run-off from the WRD • Additional infrastructure includes a V-drain around the WRD, dirty water pipeline from the PCD to K4 shaft and an emergency spillway • The WRD final footprint will be 229 540 m² (22.95 ha) of the approved 30 ha, and the berm will be 2 647m (2.64 km) in length and 11m wide 		

Minutes

Sibanye-Stillwater



Date: 17/05/2023



Discussion – Presentation continued

Process overview continued

- The PCD will have a capacity of 35 203 m³ and will have a maximum height of 3m from the floor of the dam. The V-drain will discharge via 2 legs into the PCD
- The pipeline will be installed to transfer water from the PCD to the K4 Shaft for re-use. The pipeline will be 500m in length with a total pump capacity of 60m³/hour

Location – Western Platinum Mine

- Located approximately 23 km East of Rustenburg and 7 km north-west of Marikana, in the North West Province
- The mine is in the jurisdiction of the Rustenburg Local Municipality and Bojanala Platinum District Municipality

Location – K4 Shaft project

- The new proposed infrastructure is situated on various portions of the Farm Zwartkoppies 296 JQ as well as on various portions of the farm Rooikoppies 297 JQ.
- Situated within the A21K quaternary catchment

Proposed layout plan

- V-drain
- Pollution Control Dam
- Pipeline

Mine Plan

- Extend the Life of Mine with approximately 30 years.

Specialist studies undertaken

- Agricultural Impact Assessment / Soils and Land Capability: Undertaken by The Biodiversity Company
- Landscape/ Visual Impact assessment/ Not Undertaken: WRD already approved
- Archaeological and Cultural Theme, Heritage Assessment/ Heritage: Undertaken by Beyond Heritage
- Palaeontological Impact Assessment/ Not Undertaken: Paleontological sensitivity is insignificant.
- Terrestrial Biodiversity impact assessment/ Undertaken by The Biodiversity Company
- Aquatic Biodiversity Impact Assessment/ Not Undertaken: Project does not cross any watercourses
- Hydrology Assessment/ Storm-water assessment undertaken in 2019
- Geotechnical Assessment/ To be confirmed.
- Social Economic Impact Assessment/ Positive and negative socio-economic impacts will be assessed as part of the environmental authorisation. A separate SIA will not be undertaken.
- Seismicity Impact Assessment/ Not Undertaken: Not related to Seismicity
- Plant and Animal Species Impact Assessment/ Fauna and Flora undertaken by The Biodiversity Company

Additional Specialist Studies

- Closure Plan
- Financial Provision



Legislative requirements

- Environmental Authorisation
 - Full Scoping and Environmental Impact Reporting process in terms of National Environmental Management Act (NEMA)
 - Competent authority is the North West Department of Mineral Resources and Energy (DMRE)
- Water Use Licence
 - Water Use Licence application in terms of the National Water Act (NWA)
 - Competent authority Department of Water and Sanitation (DWS)

Public Participation

- Site notices
- Background Information Document
- Notification letters
- Advert in the Platinum Weekly

Minutes

Sibanye-Stillwater	 <small>we are one</small> Sibanye Stillwater
Date: 17/05/2023	 Alta van Dyk Environmental

Discussion - Questions

LG introduced the meeting and presented the Presentation.

- DM Asked requested that the same process be followed that was followed with the Meccano project. This refers to an amendment application being undertaken.
 - LG confirmed that the same process will be followed and an amendment application will be undertaken.
- DM asked for the mine plan
 - LG indicated the mine plan is included in the presentation.
- DM asked by when will the application for this project be submitted?
 - LG stated that submission is planned for June
- LG asked DM if there is any more questions and queries?
 - DM indicated that he is satisfied with the presentation and if he has more questions, he will direct them to me.

LG concluded the meeting, and everyone adjourned approximately 14h20

Action Items	Person Responsible	Deadline
Compile minutes of meeting	LG	ASAP

Minutes

Sibanye-Stillwater



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Meeting's Signed Attendance Register

A graphic with a black background featuring five colored circles, each containing initials. Below each circle is the name of the person. The circles are: a light orange circle with "YR" (Yolande Janse van Rensburg), a light orange circle with "LG" (Lenaldi Gorgens), a light purple circle with "MB" (Madeleine Bornman), a light green circle with "SR" (Suzanne van Rooy), and a light teal circle with "TM" (Tshepo Mthobi). The name "Lenaldi Gorgens" is highlighted with a blue rectangular background.

YR
Yolande Janse van Rensburg

LG
Lenaldi Gorgens

MB
Madeleine Bornman

SR
Suzanne van Rooy

TM
Tshepo Mthobi