

Block A, Menlyn Woods Office Park 291 Sprite Avenue Faerie Glen Pretoria 0081 P O Box 35290 Menlo Park 0102 South Africa T: +27 (0) 12 361 9821 F: +27 (0) 12 361 9912 E: pretoria@srk.co.za



Anglo American Platinum's Rustenburg Base Metals Refiners (RBMR)

Application for an Environmental Authorisation for the proposed expansion of surge tank capacity at RBMR, North West Province

Minutes for the Meeting: Pre-Application consultation with the North West Department of Economic Development, Environment, Conservation and Tourism (DEDECT)

Held: Virtually via Microsoft Teams, 2021/06/30 at 10:00

Action

1 Present and apologies

Present:

Ola Aleksandra Paton – RBMR

Dustin van Helsdingen – Anglo American

Boipuso Semenya – RBMR
Verona Buitendag – RBMR
Gasewabone Ellis Thebe – DEDECT
Motshabi Mohlalisi – DEDECT
Ndomupei Masawi – SRK Consulting
Manda Hinsch – SRK Consulting

The Microsoft (MS) Teams generated attendance register is attached as Appendix A.

2 Objectives of the Meeting

The purpose of the meeting was to discuss the application for an Environmental Authorisation (EA) for the proposed expansion of surge tank capacity at RBMR. The objectives of the meeting were to:

- Notify the DEDECT of the project and application;
- Discuss and confirm the proposed EA application process, including the required specialist studies;
- Discuss the stakeholder engagement process to be followed; and
- Discuss any other DEDECT requirements.

3 Background

Ms Masawi provided information on the project including:

- · Background and location of the project;
- Identified activities listed in terms of the National Environmental Management Act, 1998 (Act 107 of 1998) (NEMA) that are applicable to the proposed expansion of the surge tank capacity;
- A summary of the EA application process that will be followed;
- A list of anticipated impacts and specialist studies to be taken into account during the application; and

SRK Consulting Page 2 of 2

Action

• A description of the proposed stakeholder engagement process. A copy of the presentation is attached as Appendix B.

4 Discussion

Ms Hinsch requested guidance from the DEDECT on how the requirements of the new Protection of Personal Information Act (POPIA) which comes into effect on 1 July 2021 can be applied to the stakeholder engagement process for the project. Ms Mohlalisi indicated that she would study the Act and consult with colleagues at DEDECT and advise.

Ms Mohlalisi requested clarification on the meaning of expansion in terms of where the additional tanks will be located. Ms Paton informed Ms Mohlalisi that the tanks will be located within the RBMR boundary and that the expansion would be in terms of additional tanks required to meet the required storage capacity. Ms Mohlalisi also reminded the team that a stakeholder engagement plan must be submitted to the DEDECT for approval.

Ms Thebe requested clarity in terms of the conversion of tanks and the expansion to be applied for. She stated that for the project to be considered as an expansion project, there is need to establish or demonstrate its legality/lawfulness as follows:

- The activity to be expanded must have an EA in place or;
- The activity to be expanded must have commenced prior to promulgation of the Environmental Conservation Act, 1989 (Act 73 of 1989) (ECA) or the Environmental Impact Assessment (EIA) Regulations; or
- The activity to be expanded must not have triggered a need for an EA.

Ms Paton stated that the conversion of tanks meant minor changes to tanks so they can be used for storage of a different reagent. Mr van Helsdingen stated that the tanks form part of an approved EMPr for the RBMR, a process in which DEDECT was part of. He stated that, the tanks are not specifically mentioned in the approved consolidated EMPr, however the understanding is that they form part of approved activities. Ms Thebe indicated that she understood and emphasised that the application and BAR must include a statement on the lawfulness of the current tanks.

5 Way Forward

Ms Mohlalisi will advise the team on how the requirements of the new POPI Act must be incorporated into the stakeholder engagement process.

The EA application process will commence and will be conducted as per the timeframes stipulated in Government Notice Regulation (GNR) 982 (as amended by 326 of 7 April 2017).

The following actions will be undertaken:

- Submission of the stakeholder engagement plan and application for an EA to DEDECT;
- Stakeholder engagement process will be conducted per the requirements of Chapter 6 of the NEMA;
- Compilation of the draft Basic Assessment Report and Environmental Management Programme (draft BAR and EMPr) for the 30-day public and commenting authority review and comment;
- · Incorporation of comments into the final integrated BAR; and
- Submission of final BAR to DEDECT for decision making.

winutes taken by:	Ndomupei Masawi		
Signed by:	SRIK Consulting - Certified Electronic Signature 571528/4457 whitnes 5185-7475-9344-MANS-0146/1021 This signature has been printed digitality. The Authorities given permission for its use forthis document. The details are stored in the SRIK Bignature Database.	Date:	2021/06/30
	Chairman		

Appendix A: Attendance Register

Meeting Summary

Total Number of Participants

RBMR Surge Capacity Project Competent Authority Pre-Application Meeting 6/30/2021, 9:56:05 AM 6/30/2021, 10:38:25 AM

9

Meeting Title
Meeting Start Time
Meeting End Time

Full Name	Join Time	Leave Time	Duration
Ndomupei Masawi	6/30/2021, 9:56:05 AM	6/30/2021, 10:38:11 AM	42m 5s
Manda Hinsch	6/30/2021, 9:56:18 AM	6/30/2021, 10:38:05 AM	41m 47s
Paton, Aleksandra	6/30/2021, 9:59:01 AM	6/30/2021, 10:38:25 AM	39m 23s
Motshabi Mohlalisi (Guest)	6/30/2021, 9:59:26 AM	6/30/2021, 10:02:36 AM	3m 10s
Van Helsdingen, Dustin	6/30/2021, 9:59:30 AM	6/30/2021, 10:38:15 AM	38m 44s
Buitendag, Verona	6/30/2021, 9:59:39 AM	6/30/2021, 10:38:15 AM	38m 35s
Semenya, Boipuso	6/30/2021, 9:59:50 AM	6/30/2021, 10:38:06 AM	38m 16s
Motshabi Mohlalisi	6/30/2021, 10:02:43 AM	6/30/2021, 10:38:20 AM	35m 36s
Gasewabone Ellis Thebe (NW) (Guest)	6/30/2021, 10:08:45 AM	6/30/2021, 10:38:15 AM	29m 29s
Gasewabone Ellis Thebe (NW) (Guest)	6/30/2021, 10:08:45 AM	6/30/2021, 10:38:15 AM	29m 29s

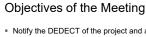


Appendix B: Project Presentation



Application for an Environmental Authorisation for the proposed expansion of surge tank capacity at Anglo American Platinum's Rustenburg Base Metal Refiners (RBMR)

Authority Pre-Application Meeting



- Notify the DEDECT of the project and application;
 To discuss and confirm the proposed EA application process, including the required specialist studies;
- To discuss the stakeholder engagement process to be followed; and
- To discuss any other DEDECT requirements.



Background

- Anglo American Platinum's Rustenburg Base Metals Refiners (RBMR) Operations wishes to reduce overflow spillage from the surge tanks that currently report to tailings.
- The reduction will be achieved by building additional surge capacity tanks and upgrading the existing tanks currently on the RBMR site by 2025.
- RBMR is therefore proposing to increase the inter surge capacity at the plant to allow for operation without spilling valuable metal.
- The project will entail:
- Expansion of Copper Removal Overflow Storage (CRS), Copper Advance Solution (CuAdv) and Selenium/Tellurium (Se/Te) feed tank inventories into other areas;
- Conversion of old CRS inventory to Copper Removal Residue/Non-Oxidising Belt Filter Residue (CRR/NOXR) inventory;
- Conversion of old Nickel Feed (NiFd) inventory to Nickel Atmospheric Leach Solution (NALS) inventory and old NALS inventory to Non-Oxidising Leach Solution/Nickel Dissolution Solution (NOXS/NiDS); and
- Expand current Copper Spent Storage (CuSP) inventory into old Copper Advance Solution (CuAdv) inventory.
- The project will include civils, structural, piping & pumping, instrumentation and electrical modification/addition.

2

3

Background

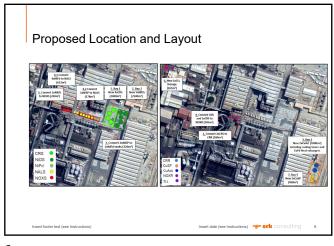
• The current and required surge capacity is summarised below:

Inventory	Current (m ³)	Required (m ³)
Copper Removal Overflow Storage (CRS)	390	2 074
Copper Removal Residue (CRR)	110	153
Copper Spent Storage (CuSP)	360	1 169
Nickel Atmospheric Leach Solution (NALS)	260	1 028
Nickel Dissolution Solution (NIDS)	260	2 397
Selenium (Se) Feed Inventory	265	1 857
Copper Advance Solution (CuAdv)	348	1 886
Non-Oxidising Leach Solution (NOXS)	130	755
NOX Belt Filter Residue (NOXR)	140	230
Tertiary Leach Liquor (TLL)	40	165

Current Location and Layout



5



NEMA Listed Activities Triggered The proposed plant triggers activities listed in Listing Notice 1 of the National Environmental Management Act, 1998 (Act 107 of 1998) (NEMA) as follows Indicate the number Activity No (s) and Activity Describe each listed activity as per Description (in terms of the and date of the project description relevant notice: Listing Notice 1 (GNR relevant notice)
The expansion and related The project requires the construction operation of facilities for the and operation of additional tanks that 327): Activity 51 storage. or storage and are required to allow for operation at handling, of a dangerous good, 32.4ktpa Ni cathode production rate where the capacity of such without spilling valuable metal to the storage facility will be expanded dam. The capacity will be expanded by more than 80 cubic metres. by more than 80m3. The project therefore requires an Environmental Authorisation from the Department of Economic Development, Environment, Conservation and Tourism (DEDECT) A Basic Assessment process will be followed as per the requirements of GNR982 (as amended by GNR326 of 7 April 2017).

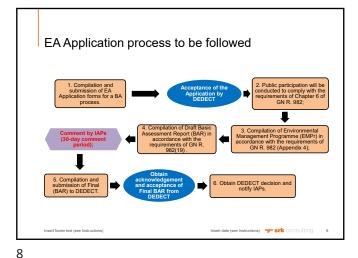
amended by GNR326 of 7 April 2017).

RBMR appointed SRK Consulting (Pty) Ltd (SRK) as the independent Environmental Applications of Page 1 Applications of Page

 RBMR appointed SRK Consulting (Pty) Ltd (SRK) as the independent Environmental Assessment Practitioner (EAP) to conduct the EA application and Basic Assessment process.

7

6



Potential Risks Identified Element of **Potential Impact Descriptions** Environmen Possible limited and temporary job opportunities during the construction phase of the project. The operation of the project will be undertaken within the current Socio-Economic RBMR structures Hydrogeology Possible, but unlikely groundwater contamination Surface water Possible, but unlikely surface water contamination Air Quality Possible, but unlikely impact on air quality in the area Possible generation of noise during the construction phase of the project. Noise It is not anticipated that any additional visual impacts will be associated with the Visual proposed project. As the tanks will be located within the footprint of the RBMR, no loss of soil resource, change in land capability and land use due to the proposed project is Soils/Land Use/Land Capability expected. As the proposed tanks will be located within the footprint of the RBMR, no loss of biodiversity is expected as result of the construction and operation of the plant. Wetland There are no wetlands that will be impacted by the proposed project.

9

Specialist Studies

- No specialist studies will be required
- The tanks will be located within the RBMR areas, already impacted by other activities.
- The assumption is mostly supported by findings from the DFFE Screening Tool
 which identified terrestrial biodiversity specialist studies as the only specialist
 study required.
- However, the areas are already sterilized by the existing infrastructure and do not have any remaining flora and/or fauna that will impacted by the proposed project.
- The impact assessment will therefore be based on:
 - Existing information (specialist studies and EIA reports); and
- EAP team experience.
- An Environmental Management Programme (EMPr) will be compiled for the proposed project, which will include mitigation measures required to minimise negative potential impacts.

Insert footer text (see Instructions)

ert date (see Instructions) - Srk consulting 1

Stakeholder Engagement

- The stakeholder engagement will be conducted per the requirements of Chapter 6 of the NEMA:
 - Project Announcement (newspaper advertisement, on-site notices, notification letter);
- Verification of the identified stakeholders, creation and maintenance of the stakeholder database;
- A 30-day public comment period for stakeholders, including commenting authorities; and
- Compilation of the Comments and Responses Report (CRR).
- Any stakeholder meetings required will be conducted virtually and where required, physically, in compliance with the COVID 19 Regulations.

Insert footer text (see Instructions)

Insert date (see Instructions) → srk consulting

10

11

