

Vusi Masango

From: Vusi Masango
Sent: Wednesday, 28 July 2021 15:22
Subject: 571528_20210728__RBMR SURGE TANK CAPACITY_ INVITATION TO REGISTER, PARTICIPATE AND COMMENT
Attachments: 571528_20210707 Invitation to Register Notification Letter_Draft to Stakeholders.pdf

Dear Stakeholder,

INVITATION TO REGISTER, PARTICIPATE AND COMMENT ON THE ENVIRONMENTAL AUTHORISATION PROCESS

APPLICATION FOR AN ENVIRONMENTAL AUTHORISATION FOR THE PROPOSED EXPANSION OF SURGE TANK CAPACITY AT THE ANGLO-AMERICAN PLATINUM'S RUSTENBURG BASE METALS REFINERS (RBMR), NORTH WEST PROVINCE

Notice is hereby given in terms of the Environmental Impact Assessment (EIA) Regulations, amended on 7 April 2017, promulgated in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998) (NEMA), that Anglo American Platinum's Rustenburg Base Metals Refiners (RBMR) is applying for an Environmental Authorisation (EA) for the proposed expansion of surge tank capacity at RBMR, North West Province.

*You are receiving this correspondence as a registered Interested and Affected Party on an existing database for previous environmental authorisation processes. Should you no longer wish to receive further information relating to environmental authorisation processes at **Anglo American Platinum's Rustenburg Base Metals Refiners (RBMR)** and would like to be removed from the database, please notify SRK Consulting (South Africa) (Pty) Ltd via email at VMasango@srk.co.za;*

As of 1 July 2021, there have been some changes to the Protection of Personal Information Act 4 of 2013 (POPIA) which aims to promote protection of personal information. Should you wish to remain on the database, your information will only be used as part of the public participation process as outlined in the National Environmental Management Act (Act 107 of 1998) and Environmental Impact Assessment Regulation, 2014, as amended. This information will be securely stored and only made available to the regulatory authorities upon request. For more information please see our Privacy Policy.

In light of the lockdown SRK staff will be working remotely using the company's technological infrastructure and resources to ensure that work and project activities proceed as seamlessly as possible. SRK staff will continue to be responsive to client queries and requests during the lockdown period. Our preferred method of communication is email.

Kind Regards

Vusi Masango
Environmental Consultant /AIA



SRK Consulting (South Africa) (Pty) Ltd.
Block A, Menlyn Woods, 291 Sprite Avenue, Faerie Glen, South Africa
PO Box 35290, Menlo Park, 0102, South Africa
Tel: +27 (0) 12 361 9821; Fax: +27 (0) 12 361 9912
Direct: +27 (0) 12 361 9821
Email: VMasango@srk.co.za;



July 2021
571528

Stakeholder,

APPLICATION FOR AN ENVIRONMENTAL AUTHORISATION FOR THE PROPOSED EXPANSION OF SURGE TANK CAPACITY AT THE ANGLO-AMERICAN PLATINUM'S RUSTENBURG BASE METALS REFINERS (RBMR), NORTH WEST PROVINCE

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1. Introduction

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.

The RBMR circuit inter section surge capacity is insufficient to allow for continuous production without inventory overflow. Within normal operating periods within the past decade tank overflow and subsequent bund wall overflow from various inventories within the BMR has resulted in heavy metal department (Copper (Cu), Nickel (Ni) and Cobalt (Co)) to dam 3A which overflows to dam 3B. Dam 3B is transferred to the Waterval smelter complex as the BMR process equipment material of construction is unable to cope with the dam chloride levels under a dam recovery operating regime. Annualised typical metal transfer to the Waterval Smelter complex are 667ton Ni, 127ton Cu and 22 to Co.

RBMR is therefore proposing to increase the inter surge capacity at the plant to allow for operation at 33ktpa Ni cathode production rate without spilling valuable metal to the dam. 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

Partners R Armstrong, JS Bartels, CM Bauman, N Brien, JM Brown, LSE Coetsier, CD Dalglish, BM Engelsman, R Gardiner, M Hinsch, SG Jones, W Jordaan, WC Joughin, DA Kilian, F Lake, JA Lake, NG Macfarlane, V Maharaj, I Mahomed, HAC Meintjes, MJ Morris, DH Mossop, GP Nel, VS Reddy, S Reuther, PJ Shepherd, T Shepherd, MJ Sim, VM Simposya, JS Stiff, M van Huyssteen, AT van Zyl, MD Wanless, CJ Wessels, ML Wertz, A Wood

Directors AJ Barrett, CD Dalglish, WC Joughin, V Maharaj, VS Reddy, T Shepherd, AT van Zyl

Associate Partners PJ Aucamp, T Claassen, SA de Villiers, IT Doku, M du Toit, LM Linzer, JI Mainama, RD O'Brien, LC Shand

Consultants JR Dixon, PrEng, GC Howell, PrEng, PhD, WC Joughin, PrEng, MSc, PR Labrum, PrEng, LM Linzer, PrSci Nat, PhD, SA Lorentz, PhD, RRW McNeill, PrTech Eng, HAC Meintjes, PrEng, MSc, PN Rosewarne, PrSci Nat, MSc, PE Schmidt, B.Comm, DipAcc, CA(SA), AA Smithen, PrEng, TR Stacey, PrEng, DSc, PJ Tebrugge, PrSci Nat, MSc, HFJ Theart, PrSci Nat, PhD, DJ Venter, PrTech Eng

African Offices:

Cape Town +27 (0) 21 659 3060
Durban +27 (0) 31 279 1200
East London +27 (0) 43 748 6292
Johannesburg +27 (0) 11 441 1111
Pietermaritzburg +27 (0) 33 347 5069
Port Elizabeth +27 (0) 41 509 4800
Pretoria +27 (0) 12 361 9821
Accra +23 (3) 24 485 0928
Lubumbashi +243 (0) 81 999 9775

Group Offices:

Africa
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- Expand current Copper Spent Storage (CuSP) inventory into old Copper Advance Solution (CuAdv) inventory.

The project will include civils, structural, piping and pumping, instrumentation and electrical modification/addition.

A summary of the current and required surge capacity. is provided in Table 1.

Table 1: Summary of the current and required surge capacity.

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

The proposed project triggers activity listed in terms of Listing Notices 1 of the NEMA (Table 2) and will therefore require an EA from the North West Department of Economic Development, Environment, Conservation and Tourism (NW DEDECT). Since the project triggers activities in Listing Notice 1 of the NEMA, a Basic Assessment (BA) will be followed as stipulated in Government Notice Regulation (GNR) 326 of the NEMA.

Table 2: Triggered Activities Listed in Listing Notice 1

Government Notice and Activity Number	Relevant Activity as per the relevant Listing Notice	Describe the portion of the development as per the project description that relates to the applicable listed activity
Listing Notice 1 (GNR 327): Activity 1	<i>The expansion and related operation of facilities for the storage, or storage and handling, of a dangerous good, where the capacity of such storage facility will be expanded by more than 80 cubic metres</i>	The project requires the construction and operation of additional tanks that are required to allow for operation at 33ktpa Ni cathode production rate without spilling valuable metal to the dam. The capacity will be expanded by more than 80m ³ .

2. Project Location

The proposed project will take place within Rustenburg Local Municipality, in the North West Province. The proposed bulk chemical storage facility will be located on greenfields on Portion 42 of Farm Waterval 303JQ, outside the RBMR boundary. The property details are provided in Table 3.

Table 3: List of Affected Farms and Farm Portions

Farm	Portions	21 SG Code	Proposed Activity
Waterval 303 JQ	42	T0JQ0000000030300042	Expansion of surge tank capacity

The Locality Map is attached to this letter as Appendix A.

3. Stakeholder Engagement

Chapter 6 of the NEMA requires the applicant to inform all potential Interested and Affected Parties (I&APs) of the proposed project and application for the EIA. We hereby invite you to register as an I&APs and provide comments on the application in any of the following ways:

- Completing the comment sheets enclosed (Appendix B);
- Additional written submissions; and
- Comment by email, fax or telephone.

By registering as a stakeholder, you consent to SRK processing and, if necessary, disclosing your personal information which SRK undertakes to do in accordance with our Protection of Personal Information Policy.

Please submit comments to the Stakeholder Engagement officers:

Vusi Masango / Ndomupei Masawi
SRK
Stakeholder Engagement Office
P O Box 35290, Menlo Park, 0102
(012) 361 9821
(012) 361 9912

Vmasango@srk.co.za / nmasawi@srk.co.za

All registered Interested and Affected Parties (I&APs) will be provided with an opportunity to review and comment on the Draft Basic Assessment Report (Draft BAR) over a 30-day period. Registered I&APs will be notified of the availability of the draft BAR for review and comment once the report is ready. Comments from I&APs will be incorporated into the final BAR that will be submitted to the NW DEDECT for decision making.

Please do not hesitate to contact us should you require additional information or clarification regarding the proposed project. Our team welcomes your participation and looks forward to your involvement throughout the Stakeholder Engagement Process.

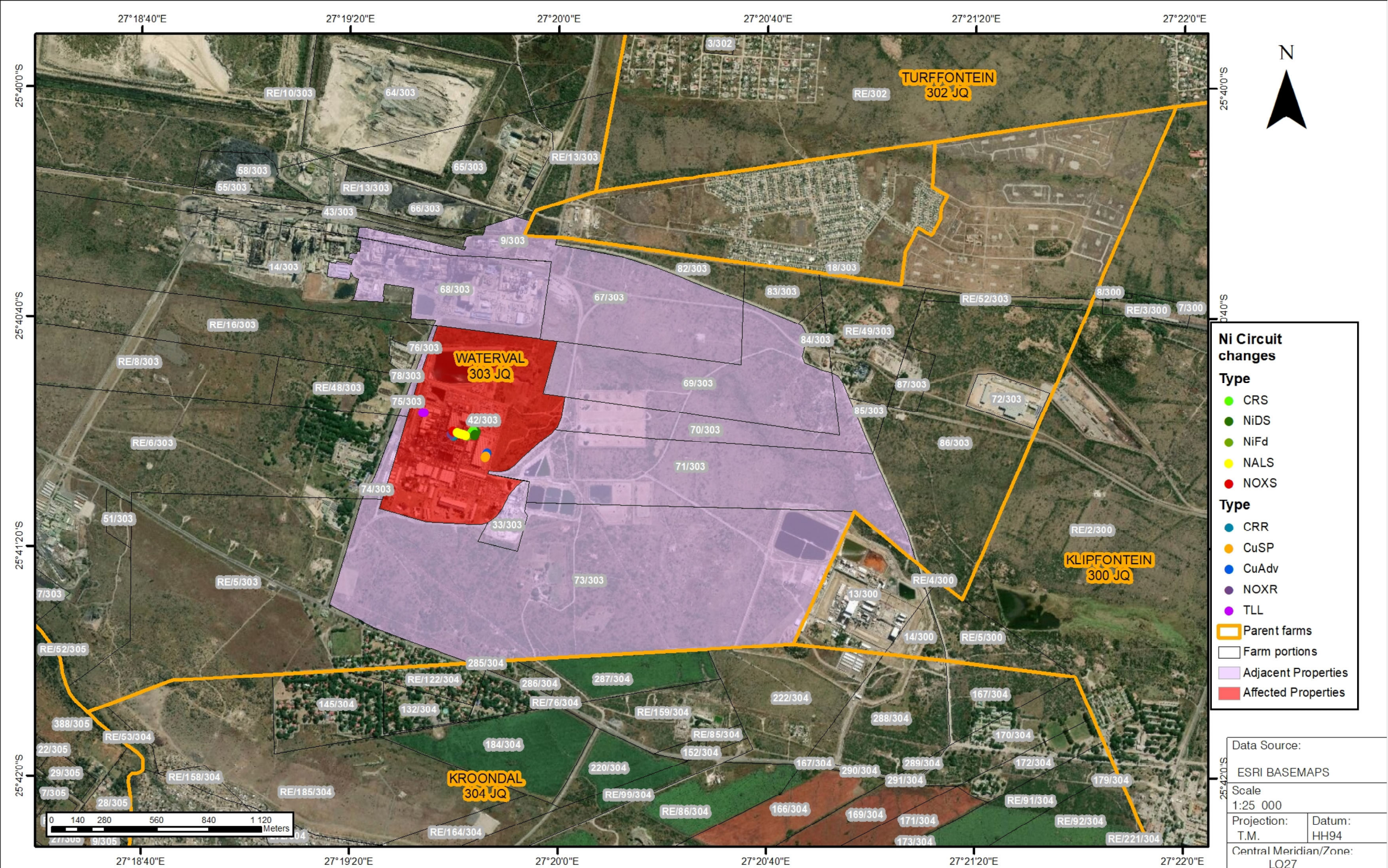
Yours faithfully,

SRK Consulting (South Africa) (Pty) Ltd

SRK Consulting - Certified Electronic Signature
 **SRK Consulting**
571528/4438 - Letter
6134-2443-215 - MAND - 05/07/2021
This signature has been printed digitally. The Author has given permission for its use for this document. The details are stored in the SRK Signature Database

Ndomupei Masawi
Environmental Assessment Practitioner

Appendix A: Locality Map



Ni Circuit changes

Type

- CRS
- NiDS
- NiFd
- NALS
- NOXS

Type

- CRR
- CuSP
- CuAdv
- NOXR
- TLL
- ▭ Parent farms
- ▭ Farm portions
- ▭ Adjacent Properties
- ▭ Affected Properties

Data Source:	
ESRI BASEMAPS	
Scale	
1:25 000	
Projection:	Datum:
T.M.	HH94
Central Meridian/Zone:	
LO27	
Date:	Compiled by:
06/07/2021	STOM
Project No.	Fig No.
571528	

RBMR CRITICAL SURGE CAPACITY PROJECT

AFFECTED AND ADJACENT PROPERTIES



Appendix B: Comment Form

**APPLICATION FOR AN ENVIRONMENTAL AUTHORISATION FOR THE PROPOSED
EXPANSION OF SURGE TANK CAPACITY AT THE ANGLO-AMERICAN PLATINUM'S
RUSTENBURG BASE METALS REFINERS (RBMR), NORTH WEST PROVINCE
REGISTRATION AND COMMENT SHEET**

July 2021

TITLE		FIRST NAME	
INITIALS		SURNAME	
ORGANISATION			
POSTAL ADDRESS			
LAND LINE TEL NO		POSTAL CODE	
FAX NO		CELL NO	
		EMAIL	

REGISTRATION AS AN INTERESTED AND AFFECTED PARTY (I&AP) (please mark applicable box with X)

Please formally register me as an interested and affected party (I&AP) so that I may receive further information and notifications during the Environmental Authorisation process	YES	NO
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I would like my notifications by:

E-mail:	Letter:	Fax/tel:	SMS:
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In terms of GNR 982 (EIA regulations) I disclose below any direct business, financial, personal or other interest that I may have in the approval or refusal of the application:

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Comments (Use a separate sheet if you wish to)

Ndomupe Masawi Postal Address: PO Box 35290, Menlo Park 0102 Tel : +27(0)12 361 9821 Fax: +27(0) 12 361 9912 Email: Nmasawi@srk.co.za	Vusi Masango Postal Address: PO Box 35290, Menlo Park 0102 Tel: +27(0)12 361 9821 Fax: +27(0) 12 361 9912 Email: VMasango@srk.co.za
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THANK YOU FOR YOUR CONTRIBUTION

By registering as an Interested and Affected Party, you consent to SRK processing your personal data for the purposes of obtaining feedback for the environmental authorisation process and to provide you with relevant information about it. Your information may be shared with selected third parties for these purposes only. Please see our Privacy Policy for more information.

NAME:	SIGNATURE:	DATE:
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