



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

Private Bag X 357, HARTBEESSPOORT, 0216. Old Rustenburg Road, 0216.
Tel: +27 12 253 1026 www.dws.gov.za

Enquiries: Cornia Theunissen

Tel: 087-943-3741

Ref.: 16/2/7/A220/B16

6 November 2020

SRK Consulting
P.O Box 35290
Menlo Park
0102

Attention: Ndomupei Masawi / 561608

Draft Scope Report - Environmental Authorisation of proposed relocation of bulk chemical storage facility - AA -Rustenburg Platinum Mine -Base Metal Refiners (RBMR)

This office acknowledges the receipt of your documents regards to the above-mentioned on 6 November 2020 (**Task T324/2020**). The officer responsible for this area is: **Ms Sebenzile Ntshangase** can be contacted at 087-943-3741.

Comments would be forwarded in due time.

Thank you

Ms C THEUNISSEN
CHIEF ADMIN CLERK



NATIONAL DEVELOPMENT PLAN
Our Future - make it work



dedect

Department:
Economic Development, Environment, Conservation and Tourism
North West Provincial Government
REPUBLIC OF SOUTH AFRICA



AgriCentre Building
Crn Dr James Moroka &
Stadium Road
Private Bag X 2039
MMABATHO 2735

CHIEF DIRECTORATE: ENVIRONMENTAL SERVICES

DIRECTORATE: ENVIRONMENTAL QUALITY MANAGEMENT

Enquiries: Ouma Skosana
Tel: +27(18) 389 5156
Email: oskosana@nwpg.gov.za

REFERENCE NO.: NWP/EIA/47/2020

Attention: Prakashim Moodliar
Anglo American Limited
55 Marshall Street, Marshall Town
JOHANNESBURG
2001

Tel No : (011) 373 6292
Email. : prakashim.moodliar@angloamerican.com

Dear Sir

APPLICATION FOR ENVIRONMENTAL AUTHORISATION FOR THE PROPOSED RELOCATION OF THE BULK CHEMICAL STORAGE FACILITY AT ANGLO AMERICAN PLATINUM'S RUSTENBURG BASE METALS REFINERS (RBMR) ON PORTION 42 OF THE FARM WATERVAL 303 JQ, IN GN. NO. R.327, ACTIVITY NUMBER 24(i) (ii), ACTIVITY NUMBERS 27, 31, 60 (i) (ii), 64 AND IN GN.NO. 325, ACTIVITY NUMBER 4, 7 (ii) OF ENVIRONMENTAL IMPACT ASSESSMENT REGULATIONS 2014, RUSTENBURG LOCAL MUNICIPALITY, NORTH WEST PROVINCE.

The Department have received the above mentioned Application (Application and Draft Scoping Report) for Environmental Authorisation on **10 November 2020**, and the Application form has been **accepted**.

Please note that the application has been assigned to **Ms. Queen Imasiku**, Rustenburg Office, reachable at **(014) 5973597/8** or QImasiku@nwpg.gov.za and/or **80 Kerk Street Rustenburg 0300**.

Kindly quote this **reference number** and the **name of the officer** it has been assigned to and submit any future correspondence in respect of the application including notification to be used for public participation to the assigned officer. Please draw the applicant's attention to the fact that the activity may not commence prior to the decision being issued by the Department.

Yours Faithfully,

Ms. Ellis Thebe

Control Environmental Officer Grade B: Development Impact Management

Date: 17/11/2020

CC: Ndomupe Masawi

Fax No: (012) 361 9912

E-mail: pretoria@srk.co.za



Together we move North West Forward

Vusi Masango

From: Eva Mahlangu <emahlangu@nwpg.gov.za>
Sent: Tuesday, 03 November 2020 10:25
To: Vusi Masango
Subject: Re: Fwd: 561608_20201015_ANGLO EA ACID PLANT RELOCATION_ DRAFT SCOPING REPORT

EXTERNAL

>>> Obitseng Moholo 2020/11/02 11:25 >>>

good Morning Sir /Madam

can you please send us hard copy of the report for comment please to the following Address please

AgriCentre Building
Cnr. Dr. James Moroka
& Stadium Rd
Private Bag X2039,
Mmabatho 2735
Phone: 018 389 5156

Regard

Eva Mahlangu

>>> Vusi Masango <VMasango@srk.co.za> 10/15/2020 4:43 PM >>>

Dear Stakeholder,

DRAFT SCOPING REPORT

APPLICATION FOR AN ENVIRONMENTAL AUTHORISATION FOR THE PROPOSED RELOCATION OF THE BULK CHEMICAL STORAGE FACILITY AT ANGLO AMERICAN PLATINUM'S RUSTENBURG BASE METALS REFINERS (RBMR), NORTH WEST PROVINCE

Notice is hereby given that the Draft Scoping Report (DSR) will be available for comment from 19 October 2020 to 17 November 2020.

Please see attached letter for more information on the Draft Scoping Report.

Regards,

Vusi Masango
Environmental Consultant



SRK Consulting (South Africa) (Pty) Ltd.

Menlyn Woods Office Park, Block A
291 Sprite Avenue, Faerie Glen

Tel: +27 (0) 12 361 9821; Fax: +27 (0) 12 361 9912

Direct: +27 (0) 12 361 9821

Email: vmasango@srk.co.za

www.srk.co.za

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 Please consider the environment before printing this e-mail.

Vusi Masango

From: Mariette Liefferink <mariette@pea.org.za>
Sent: Sunday, 18 October 2020 15:39
To: Vusi Masango
Subject: RE: 561608_20201015_ANGLO EA ACID PLANT RELOCATION_ DRAFT SCOPING REPORT

EXTERNAL

Noted, with thanks.

Best Regards
Mariette Liefferink
CEO: FEDERATION FOR A SUSTAINABLE ENVIRONMENT
TEL. (+27) 11 465 6910
(+27) 73 231 4893
Postnet Suite #113, Private Bag X153, Bryanston, 2021
E-MAIL: mariette@pea.org.za

From: Vusi Masango <VMasango@srk.co.za>
Sent: 15 October 2020 04:44 PM
Subject: 561608_20201015_ANGLO EA ACID PLANT RELOCATION_ DRAFT SCOPING REPORT

Dear Stakeholder,

DRAFT SCOPING REPORT

APPLICATION FOR AN ENVIRONMENTAL AUTHORISATION FOR THE PROPOSED RELOCATION OF THE BULK CHEMICAL STORAGE FACILITY AT ANGLO AMERICAN PLATINUM'S RUSTENBURG BASE METALS REFINERS (RBMR), NORTH WEST PROVINCE

Notice is hereby given that the Draft Scoping Report (DSR) will be available for comment from 19 October 2020 to 17 November 2020.

Please see attached letter for more information on the Draft Scoping Report.

Regards,

Vusi Masango
Environmental Consultant



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

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Department:
Economic Development, Environment, Conservation and Tourism
North West Provincial Government
REPUBLIC OF SOUTH AFRICA



80 Kerk Street
Rustenburg
0299
Republic of South Africa
www.nwpg.gov.za

CHIEF DIRECTORATE: ENVIRONMENTAL SERVICES
DIRECTORATE: ENVIRONMENTAL QUALITY MANAGEMENT

Enquiries: Ms Q. Imasiku
Tel: (014) 597 3597
Email: QImasiku@nwpg.gov.za
Fax: (014) 592 3553

Reference: NWP/EIA/47/2020

Attention: **Ms Ndomupe Masawi**
SRK Consulting
P.O. Box 35290
MENLO PARK
0102

Tel No.: (012) 361 9821
Fax No.: (012) 361 9912
E-mail: Pretoria@srk.co.za

Dear Madam

COMMENTS ON THE DRAFT SCOPING REPORT FOR THE PROPOSED RELOCATION OF THE BULK CHEMICAL STORAGE FACILITY AT ANGLO AMERICAN PLATINUM RUSTENBURG BASE METALS REFINERS ON PORTION 42 OF THE FARM WATERVAL 303 JQ, RUSTENBURG LOCAL MUNICIPALITY, NORTH WEST PROVINCE

1. The Draft Scoping Report (DSR) submitted for comments, in respect of the above-mentioned proposed development received by this Department on 10 November 2020 has reference
2. The Draft Scoping Report has been reviewed, and this Department has the following comments on the above mentioned application:
 - a. Proof of correspondence with the various stakeholders must be included in the Final SR. Should you be unable to obtain comments, proof should be submitted to the Department of the attempts that were made to obtain comments. The public participation must be conducted in terms of Regulation 40, 41, 42, 43 & 44 of the EIA Regulations of December 2014, as amended.
 - b. Please ensure that the final SR include an undertaking under oath (administered by a Commissioner of Oaths) or affirmation as per Appendix 2h (i) and (j) of the EIA Regulations, 2014 as amended.
 - c. All specialists should complete the form entitled "Details of specialist and declaration of interest" available from the Department.



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- d. Environmental Assessment Practitioner (EAP) should complete and sign the form entitled "Details of EAP and declaration of interest" available from the Department."

It is an offense in terms of Section 24F of the National Environmental Management Act to commence with a listed activity prior to obtaining an Environmental Authorisation.

Yours Faithfully



Ms. Motshabi Mohlalisi

Control Environmental Officer Grade B: Development Impact Management

Department of Economic Development, Environment, Conservation and Tourism

Date:

02/12/2020



Vusi Masango

From: Natasha Higgitt <nhiggitt@sahra.org.za>
Sent: Friday, 16 October 2020 10:16
To: Vusi Masango
Subject: RE: 561608_20201015_ANGLO EA ACID PLANT RELOCATION_ DRAFT SCOPING REPORT

EXTERNAL

Good morning,

Please note that all development applications are processed via our online portal, the South African Heritage Resources Information System (SAHRIS) found at the following link: <http://sahra.org.za/sahris/>. We do not accept emailed, posted, hardcopy, faxed, website links or DropBox links as official submissions.

Please create an application on SAHRIS and upload all documents pertaining to the Environmental Authorisation Application Process. As per section 38(8) of the National Heritage Resources Act, Act 25 of 1999 (NHRA), an assessment of heritage resources must form part of the process and the assessment must comply with section 38(3) of the NHRA.

Once all documents including all appendices are uploaded to the case application, please ensure that the status of the case is changed from DRAFT to SUBMITTED. Please ensure that all documents produced as part of the EA process are submitted as part of the application, and are submitted to SAHRA at the beginning of the Public Review periods. Once all these documents have been uploaded, I will be able to issue an informed comment as per section 38(4) and 38(8) of the NHRA.

From: Vusi Masango <VMasango@srk.co.za>
Sent: Thursday, 15 October 2020 16:44
Subject: 561608_20201015_ANGLO EA ACID PLANT RELOCATION_ DRAFT SCOPING REPORT

Dear Stakeholder,

DRAFT SCOPING REPORT

APPLICATION FOR AN ENVIRONMENTAL AUTHORISATION FOR THE PROPOSED RELOCATION OF THE BULK CHEMICAL STORAGE FACILITY AT ANGLO AMERICAN PLATINUM'S RUSTENBURG BASE METALS REFINERS (RBMR), NORTH WEST PROVINCE

Notice is hereby given that the Draft Scoping Report (DSR) will be available for comment from 19 October 2020 to 17 November 2020.

Please see attached letter for more information on the Draft Scoping Report.

Regards,

Vusi Masango
Environmental Consultant



SRK Consulting (South Africa) (Pty) Ltd.

Menlyn Woods Office Park, Block A
291 Sprite Avenue, Faerie Glen


Tel: +27 (0) 12 361 9821; **Fax:** +27 (0) 12 361 9912

Direct: +27 (0) 12 361 9821

Email: vmasango@srk.co.za

www.srk.co.za

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Natasha Higgitt

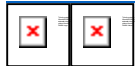
Heritage Officer: Archaeology, Palaeontology and Meteorites Unit

South African Heritage Resources Agency
- *A nation united through heritage* -

T: +27 21 462 4502/ 8660 | **C:** +27 82 507 0378 | **F:** +27 21 462 4509

E: nhiggitt@sahra.org.za | 111 Harrington Street | Cape Town |

www.sahra.org.za



Application for an Environmental Authorisation for relocation of the bulk chemical storage facility at Anglo American Platinum's Rustenburg Base Metal Refiners

Our Ref:



an agency of the
Department of Arts and Culture

T: +27 21 462 4502 | F: +27 21 462 4509 | E: info@sahra.org.za
South African Heritage Resources Agency | 111 Harrington Street | Cape Town
P.O. Box 4637 | Cape Town | 8001
www.sahra.org.za

Enquiries: Natasha Higgitt
Tel: 021 462 4502
Email: nhiggitt@sahra.org.za
CaseID: 15638

Date: Thursday November 19, 2020
Page No: 1

Interim Comment

In terms of Section 38(3), 38(8) of the National Heritage Resources Act (Act 25 of 1999)

Attention: Anglo American Platinum Limited

55 Marshall Street, Floor 11, Marshalltown, Johannesburg, 2001, South Africa

Anglo American Platinum's Rustenburg Base Metals Refiners (RBMR) requires reagents in support of processing applications at their Magnetic Concentrator (MC) Plant and BMR plants. The chemicals are received, stored and distributed from a centralised bulk chemical storage facility. However, continuous leaks and loss of bund integrity have resulted in the contamination of the current site's substrate resulting in heaving of the foundations. The chemical storage plant therefore needs to be relocated.

SRK Consulting (South Africa) (Pty) Ltd has been appointed by Anglo American Platinum RBMR to conduct an Environmental Authorisation Application for the proposed relocation of the bulk chemical storage facility at Anglo America Platinum's Rustenburg Base Metal Refiners, near Rustenburg, North West Province.

A draft Scoping Report (DSR) has been submitted in terms of the National Environmental Management Act, 1998 (NEMA) and the 2017 NEMA Environmental Impact Assessment (EIA) Regulations. The proposed activities includes the construction of a new Bulk Chemical Storage Facility, paved access roads and siding on the railway.

Digby Wells Environmental has been appointed to provide heritage specialist input as required by section 24(4)b(iii) of NEMA and section 38(8) of the National Heritage Resources Act, Act 25 of 1999 (NHRA).

Hardwick, S and Du Piesanie, J. 2020. Heritage Scoping Input: Heritage Resources Management Process for the Rustenburg Base Metals Refinery Bulk Chemical Storage Facility Relocation Project, North West Province.

The Heritage Scoping Input notes potential risk to heritage resources defined as section 35 and 36 heritage resources. It is recommended that an HIA be completed to assess identified heritage resources and develop specific and appropriate mitigation measures. It is further noted that no Palaeontological Assessment will be conducted as the proposed development footprint is underlain by areas of zero palaeosensitivity.

Interim Comment

Application for an Environmental Authorisation for relocation of the bulk chemical storage facility at Anglo American Platinum's Rustenburg Base Metal Refiners

Our Ref:



an agency of the
Department of Arts and Culture

T: +27 21 462 4502 | F: +27 21 462 4509 | E: info@sahra.org.za
South African Heritage Resources Agency | 111 Harrington Street | Cape Town
P.O. Box 4637 | Cape Town | 8001
www.sahra.org.za

Enquiries: Natasha Higgitt
Tel: 021 462 4502
Email: nhiggitt@sahra.org.za
CaseID: 15638

Date: Thursday November 19, 2020
Page No: 2

SAHRA notes the pending heritage reports and requests that the draft EIA and appendices be submitted in order to issue informed comments.

Should you have any further queries, please contact the designated official using the case number quoted above in the case header.

Yours faithfully

Natasha Higgitt
Heritage Officer
South African Heritage Resources Agency

Phillip Hine
Manager: Archaeology, Palaeontology and Meteorites Unit
South African Heritage Resources Agency

ADMIN:

Direct URL to case: <http://www.sahra.org.za/node/542104>
(DEDECT, Ref:)



dedect

Department:
Economic Development, Environment, Conservation and Tourism
North West Provincial Government
REPUBLIC OF SOUTH AFRICA



80 Kerk Street
Rustenburg
0299
Republic of South Africa
www.nwpg.gov.za

CHIEF DIRECTORATE: ENVIRONMENTAL SERVICES
DIRECTORATE: ENVIRONMENTAL QUALITY MANAGEMENT

Enquiries: Ms Q. Imasiku
Tel: (014) 597 3597
Email: QImasiku@nwpg.gov.za
Fax: (014) 592 3553

Reference: NWP/EIA/47/2020

Attention: Prakashim Moodliar
Anglo American Limited
55 Marshall Street, Marshall Town
JOHANNESBURG
2001

Tel No.: (011) 373 6292
E-mail.: prakashim.moodliar@angloamerican.com

Dear Sir/Madam

APPLICATION FOR ENVIRONMENTAL AUTHORISATION FOR THE PROPOSED RELOCATION OF THE BULK CHEMICAL STORAGE FACILITY AT ANGLO AMERICAN PLATINUM'S RUSTENBURG BASE METALS REFINERS (RBMR) ON PORTION 42 OF THE FARM WATERVAL 303 JQ, RUSTENBURG LOCAL MUNICIPALITY, NORTH WEST PROVINCE

1. The Scoping Report (SR) and plan of study for Environmental Impact Assessment (EIA) which was submitted in terms of regulation 21 of the EIA Regulations, 2014 as amended, received by the Department on 19 January 2021, including a site inspection conducted by the Department officials Ms. Q. Imasiku and Mr. T. Loeto with Ms. V. Buitendag and Ms. B. Semanya (Anglo) together with Ms. N. Masawi from SRK Consulting (EAP) on 12 February 2021 has reference.
2. This Scoping Report and plan of study for EIA has been reviewed by this Department and it is hereby **accepted** in terms of Regulation 22 (a) of the EIA Regulations, 2014 as amended. However the following must be addressed in detail in the EIA Phase of this project:
 - a. An A3 layout plan showing all sensitive environmental features to be affected by the development, **if any**, and clearly indicate where each development will be located.
 - b. An A3 locality map to be included in the report.
 - c. A record of material safety data sheets (MSDS) for each chemical handled at the plant during decommissioning must be provided.



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- d. Detailed Cleaning procedures of the tanks during decommissioning must be provided; procedures must be in accordance to the recommendations of the material safety data sheet of the chemicals.
 - e. Environmental Impact Assessment Report which includes all specialist studies undertaken must be submitted to all other relevant authorities for comment and their comments including comments from interested and affected parties must be included in the final Environmental Impact Assessment report to be submitted to this Department for consideration.
 - f. Environmental Management Programme (EMPr) – An EMPr for the construction and operational phases of the project must be developed to identify and mitigate potential environmental and social impacts associated with the proposed activity on the receiving environment. The contents of the EMPr must comply with the guidelines as stipulated in Regulations 23(4) of Government Notice R.326 of 04 December 2014 as amended.
3. You may accordingly proceed with undertaking the environmental impact assessment in accordance with the requirements of Regulation 23 of Government Notice No. R.326 of 04 December 2014 as amended and the tasks that are outlined above, and in the plan of study for environmental impact assessment.

It is an offense in terms of Section 24F of the National Environmental Management Act to commence with a listed activity prior to obtaining an Environmental Authorisation.

Yours Faithfully



Ms. Portia Krisjan

Director: Environmental Quality Management

North West Department of Economic Development, Environment, Conservation and Tourism

Date: 19/03/2021

Cc: SRK Consulting (Pty) Ltd

Contact Person: Ms. Ndomupe Masawi

Tel No.: (012) 361 9821

E-mail.: nmasawi@srk.co.za





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Department:
Economic Development, Environment, Conservation and Tourism
North West Provincial Government
REPUBLIC OF SOUTH AFRICA



NWDC Building, Cnr. University
& Provident Street, Mmabatho
Private Bag X15

MMABATHO 2735
www.nwpg.gov.za

ENVIRONMENTAL QUALITY MANAGEMENT

Enquiries: Carene Nieuwoudt
Tel: 0833859486
Email: cnieuwoudt@nwpg.gov.za

Anglo American Platinum

Rustenburg

0299

Attention: Dustin van Helsdingen

PER EMAIL: dustin.vanhelsdingen@angloamerican.com

Dear Sir,

BULK CHEMICAL STORAGE FACILITY

The meeting between officials from the Department of Economic Development, Environment, Conservation and Tourism (DEDECT), RBMR and SRK Consulting on 11 August 2020 has reference. The purpose of the meeting was to, *inter alia*, notify the DEDECT of the project and to request the DEDECT to issue a NEMA Section 30A directive to RBMR in declaring an emergency situation, thereby granting RBMR with permission to commence with construction of a bulk storage facility before an environmental authorisation has been issued.

The proposed project includes the decommissioning of the current bulk chemical (acid and caustic) storage tanks as well as the construction and operation of new bulk chemical (acid and caustic) storage tanks. Following the presentation and motivation submitted to the department, it is concluded that situation with the current bulk chemical storage tanks, does not meet the requirements of section 30A of the NEMA to qualify as an *emergency situation*.

This is based on the fact that RBMR has been aware of the deterioration of the current tanks as early as 2018, indicating in the report that RBMR has been implementing repairs to the plant and also appointed a specialist to implement a monitoring programme pertaining to the



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tanks (namely by conducting weekly laser scanning of the bunded area) which commenced in October 2018 (see page 10 of the motivation).

Furthermore, on page 21 of the motivation, the timeframes are stipulated by which RMBR intends to progress with the activity of constructing new storage facilities, namely that the start of construction is planned for **March 22, 2022** and commissioning and handover on **May 16, 2023 – August 07, 2023**.

In light of the fact that, on your own account, it is confirmed that the construction of the storage facility will only commence in the first quarter of 2021, your request for a directive in terms of section 30A of the *National Environmental Management Act* of 1998 is not granted as this situation does not meet the requirements as stipulated in the Act, for declaring it an "emergency situation" which refers to a situation that has arisen *suddenly*.

In this matter RMBR was aware of the deterioration of the tanks since 2018 and planning by RMBR for the new development is set for construction only in March 2021, resulting in the fact that this situation cannot be regarded as a situation that has *arisen suddenly*. You are therefore advised that you will have to apply for an environmental authorization as required in terms of the legislation for the listed activities identified in your motivation and that no activity may commence prior to an environmental authorization being granted.

The department will however, as soon as an application for environmental authorisation has been submitted to the department, attempt to fast track the EA application process as far as it is possible and allowed within the NEMA, although no guarantees with respect to fast tracking and positive outcome of the process can be given.

Yours faithfully



Ms. Portia Krisjan

Director: Environmental Quality Management

Department of Economic Development, Environment, Conservation and Tourism

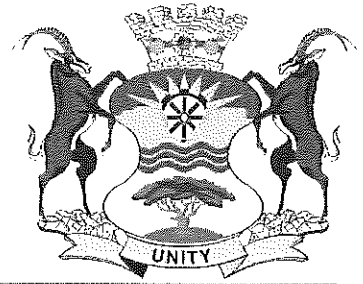
Date: 19/08/2020

RUSTENBURG LOCAL MUNICIPALITY

OFFICE OF THE DIRECTOR

DIRECTORATE: COMMUNITY DEVELOPMENT

P O Box 16, Rustenburg, 0300, North West Province, South Africa
Tel: (014) 590 3104 Fax: (014) 590 3411 Email: tmatlapeng@rustenburg.gov.za



19 November 2020

Enq: Kelebogile Mekgoe

Attn: Vusi Masango
SRK Consulting (South Africa) (Pty) Ltd.
Menlyn Woods Office Park, Block A
291 Sprite Avenue
Faerie Glen

DRAFT SCOPING REPORT FOR THE PROPOSED RELOCATION OF THE BULK CHEMICAL STORAGE FACILITY AT ANGLO AMERICAN PLATINUM'S RUSTENBURG BASE METAL REFINERS (RBMR)

The Unit: Integrated Environmental Management acknowledges the receipt of the draft Scoping Report for the proposed relocation of the bulk chemical storage facility at Anglo American Platinum's Rustenburg Base Metal Refiners (RBMR), on Portion 42 of the farm Waterval 303 JQ.

The proposed project will include decommissioning of the current bulk chemical storage facility and construction and operation of a new bulk chemical storage facility.

The construction of the new plant and associated infrastructure will include the following:

- Construction of chemical tanks (8 for caustic soda, 2 for sulphuric acid and 2 for formalin);
- Construction of parking and weighbridge areas;
- Resurfacing of the existing gravel access road with tar for the transportation of imported chemicals; and
- Construction of a rail siding from the existing railway line to the bulk chemical storage facility for the transportation of locally acquired chemicals.

The proposed bulk storage facility will be located on the RBMR property, just outside the current RBMR boundary. The proposed plant location is owned by the applicant, RBMR. The construction and installation of the proposed bulk chemical storage facility will reduce the risk of failure of the current facility which would have environmental, socio-economic as well as health and safety implications.

The proposed development is listed in terms of National Environmental Management Act, (NEMA, Act 107 of 1998), 07 April 2017, as amended. The development triggered Regulation GNR. 983, Listing Notice 1 (GN R 327) Activity 24, 27, 31, 60 and 64) and Listing Notice 2 (GN R 325) Activity 4 and 7.

According to the Bojanala Platinum District Municipality's Environmental Management Framework (BPDM EMF, June 2020), the site is situated in Zone A: Development Zone I (Residential, business and other) and Zone C: Development Zone III (Mining).

- i. **Zone A: Development Zone I (Residential, business and other).** 'Development Zone I' is a refinement of areas identified for future urban development in local municipal SDFs. These development uses include, amongst others, residential land uses, commercial land uses and land uses related to government functions, but specifically excludes industrial land uses and mining related land uses.

The following general management guidelines are applicable to Zone A:

- *Development should be confined to urban areas (areas situated within the urban node/edge/fringe, or where no such node/edge/fringe has been defined or adopted, areas situated within the edge of built-up areas) to minimise the effects of urban sprawl in the area.*
 - *The zone should be used for the expansion of urban areas and the integration of existing settlements.*
 - *Green open spaces should be established and protected within the zone.*
 - *The following should be encouraged in this zone:*
 - o *Urban infill development;*
 - o *Residential development;*
 - o *Commercial developments;*
 - o *Government functions;*
 - o *Other appropriate land uses as reflected in the applicable SDF/s;*
 - o *Upgrading of service infrastructure; and*
 - o *Urban greening*
 - *If the zone falls within a Biosphere Buffer Zone, the following guidelines are also applicable:*
 - o *The development guidelines in the relevant management plan should be consulted whenever an activity falls within the buffer area.*
 - o *Developments that might put stress on the protected environments should be avoided within the buffer area.*
 - o *The applicable biosphere development guidelines and principles should be considered.*
 - o *Conservation and tourism orientated developments should be promoted within the buffer area.*
 - o *High density developments, industrial developments, mining activities and other high-impact developments should be avoided in the buffer area.*
- ii. **Zone C: Development Zone III (Mining).** The 'Development Zone III (Mining)' is a refinement of areas identified in local municipal SDFs as areas with potential for mining development. If developed in a sustainable manner, these areas have the potential to stimulate economic growth in the area.

General environmental management guidelines

The following general management guidelines are applicable to Zone C:

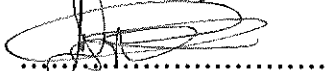
- *Mining activities should, as far as possible, be confined to Zone C.*
- *Mining activities should be conducted in a sustainable manner.*
- *Wetlands, areas in proximity to aquatic features, areas of high or sensitive biodiversity, and areas of sensitive topography should be avoided at all costs.*

- *If the zone falls within a Biosphere Buffer Zone, the following guidelines are also applicable:*
 - *The development guidelines in the relevant management plan should be consulted whenever an activity falls within the buffer area.*
 - *Developments that might put stress on the protected environments should be avoided within the buffer area.*
 - *The applicable biosphere development guidelines and principles should be considered.*
 - *Conservation and tourism orientated developments should be promoted within the buffer area.*
 - *High density developments, industrial developments, mining activities and other high-impact developments should be avoided in the buffer area.*

According to **Zone A: Development Zone I (Residential, business and other)** and **Zone C: Development Zone III (Mining)**, the land use listed above is compatible and partially compatible, as per the above-mentioned Zones, however, the proposed projects activities will be located within the RBMR operations, which has already been impacted by mining activities.

In light of the above and the information submitted, please note that the Unit: Integrated Environmental Management support the proposed relocation of the bulk chemical storage facility at Anglo American Platinum's Rustenburg Base Metal Refiners (RBMR).

Yours faithfully



Ms. Lillian Sefike

Unit Manager: Integrated Environmental Management

26/11/2020

Date: