



mineral resources & energy

Department:
Minerals Resources and Energy
REPUBLIC OF SOUTH AFRICA

Private Bag X 9467, Polokwane, 0700, Tel: 015 287 4761,
Fax: 015 297 7230
DMRE Building, 101 Dorp Street, Polokwane, 0699

Enquiries: Mr. Kolani T.C.
Ref: LP 30/5/1/2/3/2/1 (36&37) EM
E-Mail Address: Thivhulawi.Kolani@dmre.gov.za
Sub-Directorate: Mine Environmental Management

BY E-MAIL

The Director(s)
Northam Platinum Limited
P.O Box 441
Thabazimbi
0380

For attention: Sonwabiso Ndaki
E-mail: Sonwabiso.Ndaki@norplats.co.za

DEPARTMENT OF MINERAL RESOURCES
MINE ENVIRONMENTAL MANAGEMENT
PRIVATE BAG X 9467, POLOKWANE: 0700
TEL: 015 287 4700
2021-02-02
ENVIRONMENTAL AUTHORISATION: GRANTED
NEMA (ACT NO. 107 OF 1998)
AS AMENDED
REGIONAL MANAGER: LIMPOPO REGION

GRANTING OF AN AMENDMENT ENVIRONMENTAL AUTHORISATION IN TERMS OF REGULATION 29(A) OF THE ENVIRONMENTAL IMPACT ASSESSMENT (EIA) REGULATION OF 2014 AS AMENDED FOR EXCLUSION OF A PART OF THE REMIANDER OF THE FARM ELANDSFONTEIN 386 KQ, A PART OF PORTION 1 OF THE FARM ELANDSFONTEIN 386 KQ, A PART OF PORTION 2 OF THE FARM ELANDSFONTEIN 386 KQ IN THE ENVIRONMENTAL AUTHORISATION ISSIED TO NORTHAM PLATINUM LIMITED, LOCATED WITHIN THE MAGISTERIAL DISTRICT OF THABAZIMBI: LIMPOPO REGION

With reference to the abovementioned application, please be advised that the Department has decided to grant environmental authorisation lodged in terms of Regulation 29(A) of the Environmental Impact Assessment (EIA) Regulation of 2014 as amended.

This environmental authorisation is only for exclusion of a part of the remainder of the farm Elandsfontein 386 KQ, a part of portion 1 of the farm Elandsfontein 386 KQ, a part of portion 2 of the farm Elandsfontein 386 KQ on the Environmental Authorisations issued to Northam Platinum Limited

Should you wish to appeal any aspect of the decision, you must submit the appeal to the Minister of Environmental Affairs and a courtesy copy of such an appeal to the Department of Mineral Resources (Limpopo Regional Office), within 20 days from the date of notification, and such appeal must be lodged as prescribed in by Chapter 2 of the National Appeal Regulations of 2014, by means of the methods as per prescribed below:

Appeal to the Department of Environmental Affairs

Attention : Directorate Appeals and Legal Review
Email : appealsdirector@environment.gov.za
By post : Private Bag X 447, **PRETORIA**, 0001
By hand : Environmental House, Corner Steve Biko and Soutpansberg Street, Arcadia, Pretoria, 0083



Copy of the lodged appeal to the Department of Mineral Resources

Attention : Regional Manager: Limpopo Region
By facsimile : (015) 297 7230
E-mail : tebogo.mangaba@dmr.gov.za
By post : Private Bag X 9467, **POLOKWANE**, 0700
By hand : DMR Building, 101 Dorp Street, **Polokwane**, 0699

Should you decide to appeal, you must comply with the National Appeal Regulation of 2014 in relation to notification of all registered interested and affected, and a copy of the official appeal form can be obtained from the Department of Environmental Affairs.

Kind Regards

W. H. Malape
CHIEF DIRECTOR: MINERAL & PETROLEUM REGULATION
NORTHERNA REGIONS

DATE 02.02.2021



mineral resources & energy

Department:
Minerals Resources and Energy
REPUBLIC OF SOUTH AFRICA

Private Bag X 9467, Polokwane, 0700, Tel: 015 287 4804, Fax: 086 710 1478
DMR Building, 101 Dorp Street, Polokwane, 0699

Enquiries: Mudau M.B Ref: LP30/5/1/2/3/2/1 (37) EM
E-Mail Address: Mashudu.Mudau@dmr.gov.za
Sub-Directorate: Mine Environmental Management

BY HAND

Northam Platinum Limited
P O Box 441
Thabazimbi
0380

DEPARTMENT OF MINERAL RESOURCES
MINE ENVIRONMENTAL MANAGEMENT PRIVATE BAG X 9467, POLOKWANE: 0700 TEL: 015 287 4700
2021-02-02
ENVIRONMENTAL AUTHORISATION: GRANTED NEMA (ACT NO. 107 OF 1998) AS AMENDED
REGIONAL MANAGER: LIMPOPO REGION

For attention: Sonwabiso Ndaki
E-mail: Sonwabiso.ndaki@norplats.co.za

Fax: 086 601 4800
cc: prism@prismems.co.za

AMENDEMENT OF ENVIRONMENTAL AUTHORISATION IN TERMS OF THE NATIONAL ENVIRONMENT MANAGEMENT ACT, 1998 (NEMA) AS AMENDED, AND THE ENVIRONMENT IMPACT ASSESSTMENT (EIA) REGULATIONS, 2014 IN RELATION TO AN APPLICATION FOR A MINING RIGHT ON REMAINDER OF THE FARM ELANDSFONTEIN 386 KQ AND THE REMAINDER OF THE FARM ZONDEREINDE 384 KQ, SITUATED IN THABAZIMBI MUNICIPALITY: LIMPOPO REGION.

With reference to the abovementioned application, please be advised that the Department has decided to **grant** environmental authorisation in terms of National Environmental Management Act (Act 107 of 1998). The environmental authorisation and reasons for the decision are attached herewith.

In terms of regulation 4 (2) of the Environmental Impact Assessment Regulations of 2014, you are instructed to notify all registered interested and affected parties, in writing within 14 (Fourteen) calendar days, from the date of the Department's decision in respect of your application and the relevant provisions regarding the lodgement of appeal must be provided for in terms of the National Appeal Regulations of 2014.

Should you wish to appeal any aspect of the decision, you must submit the appeal to the Minister of Environmental Affairs and a courtesy copy of such an appeal to the Department of Mineral Resources (Limpopo Regional Office), within 20 days from the date of notification, and such appeal must be lodged as prescribed in by Chapter 2 of the National Appeal Regulations of 2014, by means of the methods as per prescribed below:

Appeal to the Department of Environmental Affairs

Attention : Directorate Appeals and Legal Review
Email : appeals@environment.gov.za
By post : Private Bag X 447, **PRETORIA**, 0001
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Copy of the lodged appeal to the Department of Mineral Resources

Attention : Regional Manager: Limpopo Region
By facsimile : (015) 297 7230
E-mail : tebogo.mangaba@dmr.gov.za
By post : Private Bag X 9467, **POLOKWANE**, 0700
By hand : DMR Building, 101 Dorp Street, **Polokwane**, 0699

Should you decide to appeal, you must comply with the National Appeal Regulation of 2014 in relation to notification of all registered interested and affected, and a copy of the official appeal form can be obtained from the Department of Environmental Affairs.

Kind Regards

W. W. Malapane
CHIEF DIRECTOR: MINERAL REGULATION
NORTHERN REGIONS
DATE: 02.02.2021





mineral resources & energy

Department:
Minerals Resources and Energy
REPUBLIC OF SOUTH AFRICA

Private Bag X 9467, Polokwane, 0700, Tel: 015 287 4804, Fax: 015 287 4804
DMR Building, 101 Dorp Street, Polokwane, 0699

AMENDEMENT OF ENVIRONMENTAL AUTHORISATION

LP30/5/1/1/3/2/1 (37) EM

Reference number:

Last amended:

Third issue

Holder of authorisation:

Northam Platinum Limited

Location of activity:

LEEUEWPOORT 544 KQ, PORTION 26 OF
VELLEFONTEIN 517 KQ AND PORTION 1
OF RIETFONTEIN 536 KQ, SITUATED IN
THABAZIMBI MUNICIPALITY: LIMPOPO
REGION

<p>DEPARTMENT OF MINERAL RESOURCES</p> <p>MINE ENVIRONMENTAL MANAGEMENT</p> <p>PRIVATE BAG X 9467: POLOKWANE: 0700</p> <p>TEL: 015 287 4700</p> <p>2021-02-02</p> <p>ENVIRONMENTAL AUTHORISATION: GRANTED</p> <p>NEMA (ACT NO. 107 OF 1998)</p> <p>AS AMENDED</p> <p>REGIONAL MANAGER: LIMPOPO REGION</p>

DECISION

ACRONYMS

NEMA:

The National Environmental Management Act, 1998 (Act 107 of 1998),
as amended

DEPARTMENT:

Department of Mineral Resources.

EA:

Environmental Authorisation.

IEA

Integrated Environmental Authorisation.

EMPr:

Environmental Management Programme

BAR:

Basic Assessment Report

S&EIR:

Scoping and Environmental Impact Report

I&AP:

Interested and Affected Parties

ECO:

Environmental Control Officer

LIHRA:

Limpopo Heritage Resource Agency

SAHRA:

South African Heritage Resources Agency

EIA REGULATIONS: EIA Regulations, 2014

MPRDA:

Mineral and Petroleum Resources Development Act, 2002 (Act 28 of
2002), as amended

NEMA:WA:

National Environmental Management: Waste Act, 2008 (Act 59 of
2008), as amended

EIA:

Environmental Impact Assessment.

The Department is satisfied, on the basis of information availed to it and subject to compliance with the conditions of this environmental authorisation, that the applicant should be authorised to undertake **NEMA EIA** listed activity (ies) specified below. Details regarding the basis on which the Department reached this granting decision are set out in **Annexure "1" and 2** of this environmental authorisation.

ACTIVITY APPLIED FOR

By virtue of the powers conferred on it by NEMA, the Department hereby Grant an application for EA by **Northam Platinum Limited** with the following contact details –

Mr Andrew Mulder
Northam Platinum Limited
P O Box 441
Thabazimbi
0380

Tel no: (014) 785 0126



to undertake the following activities listed in the NEMA EIA Regulation.

NEMA: LISTED ACTIVITIES:

Listed in the EIA Regulations R. 983 of 2014 as:-

Activity 12: "The development of- infrastructure or structures with a physical footprint of 100 square metres or more; where such development occurs-

- (a) within a watercourse;
- (b) in front of a development setback; or
- (c) if no development setback exists, within 32 metres of a watercourse, measured from the edge of a watercourse".

Activity 19: " The infilling or depositing of any material of more than 5 cubic metres into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock of more than 5 cubic metres from-

- (i) a watercourse;
- (ii) the seashore; or
- (iii) the littoral active zone, an estuary or a distance of 100 metres inland of the high-water mark of the sea or an estuary, whichever distance is the greater".

Activity 27 : "The clearance of an area of 1 hectares or more, but less than 20 hectares of indigenous vegetation, except where such clearance of indigenous vegetation is required for-

- (i) the undertaking of a linear activity; or
- (ii) maintenance purposes undertaken in accordance with a maintenance management plan.

Activity 28: "Residential, mixed, retail, commercial, industrial or institutional developments where such land was used for agriculture or afforestation on or after 01 April 1998 and where such development:

- (i) will occur inside an urban area, where the total land to be developed is bigger than 5 hectares; or
- (ii) will occur outside an urban area, where the total land to be developed is bigger than 1 hectare; excluding where such land has already been developed for residential, mixed, retail, commercial, industrial or institutional purposes".

Listed in the EIA Regulations R. 984 of 2014 as:-

Activity 6: "The development of facilities or infrastructure for any process or activity which requires a permit or licence in terms of national or provincial legislation governing the generation or release of emissions, pollution or effluent, excluding

- (i) activities which are identified and included in Listing Notice 1 of 2014; in which case the competent
- (ii) activities which are included in the list of waste management activities published in authority is the Minister 6. terms of section 19 of the National Environmental Management: Waste Act, 2008 (Act responsible for mineral No. 59 of 2008) in which case the National Environmental Management: Waste Act, 2008 applies; or resources.
- (iii) the development of facilities or infrastructure for the treatment of effluent, wastewater or sewage where such facilities have a daily throughput capacity of 2000 cubic metres or less".

Activity 12: "The development of railway lines, stations or shunting yards excluding -

- (i) railway lines, shunting yards and railway stations in industrial complexes or zones;
- (ii) underground railway lines in a mining area; or
- (iii) additional railway lines within the railway line reserve".

Activity 17: "Any activity including the operation of that activity which requires a mining right as contemplated in section 22 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002), including associated infrastructure, structures and earthworks, directly related to the extraction of a mineral resource, including activities for which an exemption has been issued in terms of section 106 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002)".

Detailed specifications of the activity are as follows:

Details are as follows:

Area to be transformed –

Excavation depth:

Coordinates:

DEPARTMENT OF MINERAL RESOURCES
MINE ENVIRONMENTAL MANAGEMENT
PRIVATE BAG X 9457, POLOKWANE: 0700
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NEMA (ACT NO. 107 OF 1998)
AS AMENDED
REGIONAL MANAGER: LIMPOPO REGION

The granting of this EA is subject to the conditions set out below (site specific) and in **Annexure 2** (Departmental standard conditions). The Basic Assessment Report and Environmental Management Programme (EMPr) attached as part of reports for the above development submitted as part of the application for an EA is hereby approved and must be adhered to throughout the life cycle of the operation.

ANNEXURE 1: REASONS FOR THE DECISION

1. Background

Northam Platinum Limited submitted a BAR and EMPr for approval for activities listed in the EIA Regulations of 2014 as:

Listed in the EIA Regulations R. 983 of 2014 as:-

Activity 12: "The development of- infrastructure or structures with a physical footprint of 100 square metres or more; where such development occurs-

- (a) within a watercourse;
- (b) in front of a development setback; or
- (c) if no development setback exists, within 32 metres of a watercourse, measured from the edge of a watercourse".

Activity 19: " The infilling or depositing of any material of more than 5 cubic metres into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock of more than 5 cubic metres from-

- (i) a watercourse;
- (ii) the seashore; or
- (iii) the littoral active zone, an estuary or a distance of 100 metres inland of the high-water mark of the sea or an estuary, whichever distance is the greater".

Activity 27: "The clearance of an area of 1 hectares or more, but less than 20 hectares of indigenous vegetation, except where such clearance of indigenous vegetation is required for-

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- (i) will occur inside an urban area, where the total land to be developed is bigger than 5 hectares; or
- (ii) will occur outside an urban area, where the total land to be developed is bigger than 1 hectare; excluding where such land has already been developed for residential, mixed, retail, commercial, industrial or institutional purposes"

Listed in the EIA Regulations R. 984 of 2014 as:-



Activity 6: "The development of facilities or infrastructure for any process or activity which requires a permit or licence in terms of national or provincial legislation governing the generation or release of emissions, pollution or effluent, excluding

(i) activities which are identified and included in Listing Notice 1 of 2014; in which case the competent

(ii) activities which are included in the list of waste management activities published in authority is the Minister 6. terms of section 19 of the National Environmental Management: Waste Act, 2008 (Act responsible for mineral No. 59 of 2008) in which case the National Environmental Management: Waste Act, 2008 applies; or resources.

(iii) the development of facilities or infrastructure for the treatment of effluent, wastewater or sewage where such facilities have a daily throughput capacity of 2000 cubic metres or less".

Activity 12: "The development of railway lines, stations or shunting yards excluding -

(i) railway lines, shunting yards and railway stations in industrial complexes or zones;

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(iii) additional railway lines within the railway line reserve".

Activity 17: "Any activity including the operation of that activity which requires a mining right as contemplated in section 22 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002), including associated infrastructure, structures and earthworks, directly related to the extraction of a mineral resource, including activities for which an exemption has been issued in terms of section 106 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002)".

Northam Platinum Limited appointed **Prism Environmental Management Services** to undertake the Basic Assessment process as required by Regulation 19 of the EIA Regulations

2. Information considered in making the decision

In reaching its decision, the Department took, inter alia, the following into consideration -

- a) The information contained in the application form received by the Department on **10 July 2019**;
- b) The information contained in the Scoping Report received by the Department on **22 August 2019**;
- c) The information contained in the EIR and EMPr received by the Department on **04 February 2020**;
- d) The objectives and requirements of the applicable and relevant legislation, policies and guidelines and the EIA Regulations of 2014;
- e) Public Participation Process (PPP) attached as in the EIR;
- f) The Environmental Awareness Plan included on the EIR.



3. Key factors considered in making the decision

All the information presented to the Department was taken into account upon the Department's consideration of the application. A summary of the issues which, in the Department's view, were of the most significance are set out below.

- a) A sufficient Public Participation Process (PPP) was undertaken and the applicant has satisfied the minimum requirements as prescribed in the EIA Regulations R 982 of 2014 for public involvement;
- b) The environmental impacts associated with the proposed activity will be addressed by the implementation of proposed mitigation measures outlined in the EIR and EMPr compiled by **Prism Environmental Management Services**
- c) The Closure and Rehabilitation Plan included in the EIR; compiled by **Prism Environmental Management Services**
- d) The financial provision submitted in the form of Bank Guarantee.

4. Findings

After consideration of the information and factors listed above, the Department made the following findings –

- a) The potential impacts on the proposed site were clearly investigated and mitigation measures outlined.
- b) Public Participation Process complied with Chapter 6 of the EIA Regulations R.982 of 2014. The Public Participation Process included, inter-alia, the following:
 - A copy of a newspaper advert
 - site notices
 - Minutes of the meeting
 - Roll call



ANNEXURE 2: DEPARTMENTAL STANDARD CONDITIONS

1. SCOPE OF AUTHORISATION

- 1.1. The holder of EA shall be responsible for ensuring compliance with the conditions contained in the EA. This includes any person acting on the holder's behalf, including but not limited to an agent, servant, contractor, subcontractor, employee, consultant or any person rendering a service to the holder of EA.
- 1.2. Any changes to, or deviation from the project description set out in this EA must be approved in writing by this Department before such changes or deviation may be effected. In assessing whether to grant such approval or not, the Department may request such information as is deemed necessary to evaluate the significance and impacts of such changes or deviation and it may be necessary for the holder of the EA to apply for further authorisation in terms of the EIA Regulations.
- 1.3. The activities, which are authorised, may only be carried out at the property (ies) indicated in the EA and or on the EMPr.
- 1.4. Where any of the holder of the EA contact details change including name of the responsible person, physical or postal address/ or telephonic details, the holder of the EA must notify the Department as soon as the new details become known to the holder of the EA.
- 1.5. The EA does not negate the responsibility of the holder to comply with any other statutory requirements that may be applicable to the undertaking of such activity (ies).
- 1.6. The holder of EA must ensure that all areas where the authorised activities occur have controlled access to ensure safety of people and animals.

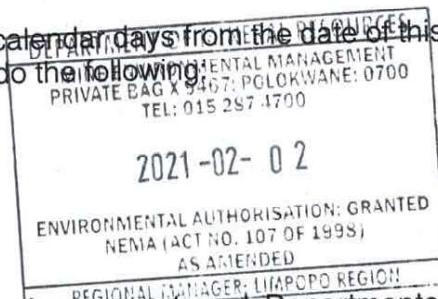
2. APPEAL OF AUTHORISATION

- 2.1 The holder of EA must in writing, within 14 (fourteen) calendar days from the date of this decision and in accordance with EIA Regulation 4(2) do the following:

- 2.2 Notify all registered I&APs of –

- 2.2.1 The outcome of the application;
- 2.2.2. The date of the decision;
- 2.2.3. The date of issue of the decision and;
- 2.2.4 The reasons for the decision as included in Annexure 1 and Departmental Standard Conditions in Annexure 2.

- 2.3 Draw the attention of all registered I&APs to the fact that an appeal may be lodged against the decision in terms of the National Appeals Regulations,



2.4 Draw the attention of all registered I&APs to the manner in which they may access the decision.

2.5 Provide the registered I&APs with:

- 2.5.1 Name of the holder (entity) of this EA
- 2.5.2 Name of the responsible person for this EA
- 2.5.3 Postal address of the holder;
- 2.5.4 Telephonic and fax details of the holder and
- 2.5.5 E-mail address of the holder if any.



3 COMMENCEMENT OF THE ACTIVITY (IES)

- 3.1 In order to ensure safety, all employees must be given the necessary personnel protective equipment (PPE).
- 3.2 This EA must be provided to the site operator and the requirements thereof must be made fully known to him or her.
- 3.3 Hauling routes for construction vehicles and machinery must be clearly marked and appropriate signalling must be posted to that effect. Furthermore, movement of construction vehicles and machinery must be restricted to areas outside of the drainage line or wet areas.
- 3.4 Appropriate notification sign must be erected at the construction site, warning the public (residents, visitors etc.) about the hazard around the construction site and presence of heavy vehicles and machinery.
- 3.5 Construction must include design measures that allow surface and subsurface movement of water along the drainage lines so as not to impede natural surface and subsurface water flow, and drainage measures must promote the dissipation of storm water runoff.
- 3.6 Vegetation clearance must be limited on areas where the individual activities will occur, and mitigation measures must be implemented to reduce the risk of erosion and alien species invasion.
- 3.7 The holder of EA must note that in terms of the National Forest Act (Act No.84 of 1998) protected plant species, also listed in Limpopo Environmental Management Act (Act no.7 of 2003) must not be cut, disturbed, damaged, destroyed and their products must not be possessed, collected, removed, transported, exported, donated, purchased or sold unless permission is granted by the Department of Agriculture, Forestry and fisheries.
- 3.8 Construction areas (e.g. material lay down areas), topsoil and subsoil must be protected from contamination or pollution. Stockpiling must not take place in drainage lines or areas where it will impede surface water runoff.

- 3.9 If any soil contamination is noted at any phase of the proposed activity (ies), the contaminated soil must be removed to a licensed waste disposal facility and the site must be rehabilitated to the satisfaction of the Department and Department of Water and Sanitation. The opportunity for the onsite remediation and re-use of contaminated soil must be investigated prior to the disposal and this Department must be informed in this regard.
- 3.10 An integrated waste management approach must be implemented that is based on waste minimization and must incorporate avoidance, reduction, recycling, treat, reuse and disposal where appropriate. Uncontaminated rubble generated on the premises can be re-used as back filling material on site. Ensure that no refuse or rubble generated on the premises is placed, dumped or deposited on the adjacent properties or public places and open space.
- 3.11 In terms of sections 28 and 30 of NEMA, and sections 19 and 20 of the National Water Act, 1998 (Act No. 36 of 1998), any costs incurred to remedy environmental damage must be borne by the person responsible for the damage. It is therefore imperative that the holder of the EA reads through and understand the legislative requirements pertaining to the project. It is the holder of EA responsibility to take reasonable measures which include informing and educating contractors and employees about environmental risks of their work and training them to operate in an environmentally acceptable manner.
- 3.12 Construction vehicle must be serviced and maintained in the manner whereby no excessive smokes and noise production is reduced to acceptable levels, and to prevent oil leaks. Contaminated soil must be remediated on site or removed to an authorised landfill site.
- 3.14 Residents (if any) on the property (ies) and surrounding areas must be informed if any unusually noisy activities are planned.
- 3.15. Dust suppression measures must be implemented on all exposed surface to minimize and control airborne dust.
- 3.16 Mixing of cement, concrete, paints, solvent, sealants and adhesive must be done in specified areas on concrete aprons or on protected plastic linings to contain spillage or overflow onto soil to avoid contamination of underground water and environmental damage.
- 3.17 Should any heritage remains be exposed during operation or any actions on the site, these must immediately be reported to the South African Heritage Resource Agency (SAHRA) and or Limpopo Heritage Resource Agency (LIHRA) (in accordance with the applicable legislation). Heritage remains uncovered or disturbed during earthworks must not be further disturbed until the necessary approval has been obtained from the South African Heritage Resource Agency (SAHRA) and or Limpopo Heritage Resource Agency (LIHRA).

Heritage remains include: archaeological remains (including fossil bones and fossil shells); coins; middens, indigenous and/or colonial ceramics; any articles of value or antiquity; marine shell heaps; stone artifacts and bone remains; structures and other built features; rock art and rock engravings; shipwrecks; and graves or unmarked

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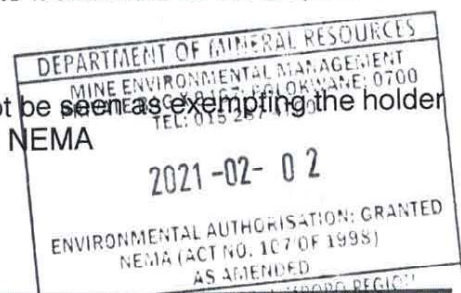
human burials. A qualified archaeologist must be contracted where necessary (at the expense of the applicant and in consultation with the relevant authority) to remove any human remains in accordance with the requirements of the relevant authority.

- 3.18 Care must be taken to ensure that the material and excavated soil required for backfilling are free of contamination from hydrocarbons.
- 3.19 Hydraulic fluid or chemicals required during construction must be stored in a concrete lined surface with bund walls and shall be designed in such a manner that any spillage can be contained and reclaimed without any impact on the surrounding environment. Should any spills occur it should be cleaned immediately by removing spillage together with the polluted solids and dispose it in the authorised disposal site permitted of such waste. The regional office of the Department of Water and Sanitation must be notified within 24 hours of an incident that may pollute surface and underground water resources.
- 3.20 Chemical sanitation facilities or system such as toilets that do not rely on the seepage of liquids must be provided with a ratio of 1 for every 15 workers. These must be placed such that they prevent spills or leaks to the environment and must be maintained according to the operating instructions and the content thereof must be disposed of at an authorised waste water treatment works.
- 3.21 The holder of EA must ensure that any water uses listed in terms of Section 21 of National Water Act must get authorization from Department of Water and Sanitation prior to the commencement of such activity (ies).
- 3.22. This EA does not purport to absolve the holder of EA from its common law obligations towards the owner of the surface of land affected.
- 3.23. The holder of EA must ensure that rehabilitation of the disturbed areas caused by operation at all times comply with the approved EMP.
- 3.24. This EA may be amended or withdrawn at any stage for non-compliance and provides no relief from the provisions of any other relevant statutory or contractual obligations.
- 3.25. The holder of EA must note that in terms Section 43A of the National Environmental Management: Waste Act, 2008 (Act No.59 of 2008), residue deposit and residue deposit must be deposited and managed in a prescribed manner on any site demarcated for that purpose in the Environmental Management Plan or Environmental Management Programme. No person may temporary or permanently deposits residue stockpile or residue deposit on any area or site other than on site indicated on the Environmental Management Plan or Environmental Management Programme.
- 3.26. The holder of EA must note that in terms Section 20 of the National Environmental Management: Waste Act, 2008 (Act No.59 of 2008), no person may commence, undertake or conduct a waste management activity, except in accordance, with the requirements of norms and standards determined in terms of Section 19 (3) for that activity or a waste management licence is issued in respect of that activity if licence is required.

Decision for the Granting of an Environmental Authorisation: Ref No LP30/5/1/2/3/2/1 (37) EM Page 12 of 19

DEPARTMENT OF MINERAL RESOURCES
MINE ENVIRONMENTAL MANAGEMENT
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- 4.6 The holder of the EA must prevent nuisance conditions or health hazards, or the potential creation of nuisance conditions or health hazards.
- 4.7 The holder of the EA must ensure that all non-recyclable waste are disposed of at waste management facilities licenced to handle such wastes and all recyclable waste are collected by licenced waste management facilities for recycling, reuse or treatment.
- 4.8 The holder of the EA must ensure that all liquid wastes, whose emissions to water or land could cause pollution are diverted to sewer, after testing water quality and receiving written approval from the relevant local authority.
- 4.9 Non-compliance with any condition of this EA or EMPr may result in the issuing of a directive in terms of section 28 and or a compliance notice in terms of section 31L of NEMA.
- 4.10 Only listed activities that are expressly specified in the EMPr that forms part of this EA may be conducted, and additional or new activities not specified herein must be applied for by the holder and authorised by the competent authority in the form of an amendment to the aforesaid EMPr before such activities may be commenced with. This condition is also applicable in the case of the amendment, addition, substitution, correction, and removal or updating of any detail in the aforesaid EMPr.
- 4.11 The Holder of EA must ensure that the name and contact details of the ECO is made available to the Regional Manager within 30 days of commencement. The holder of EA must also ensure that an ECO is always available on site to ensure that activity (ies) at all times comply with the issued EA and approved EMPr.
- 4.12 The ECO must:
- 4.16.1. Keep and maintain a detailed incidents register (including any spillages of fuels, chemicals or any other material
 - 4.16.2. Keep a complaint register on site indicating the complaint and how the issues were addressed, what measures were taken and what the preventative measures were implemented to avoid re-occurrence of complaints.
 - 4.16.3 Keep records relating to monitoring and auditing on site and avail them for inspection to any relevant authorised officials.
 - 4.16.4. Keep copies of all environmental reports submitted to the Department.
 - 4.16.5. Keep the records of all permits, licences and authorisations required by the operation.
 - 4.16.6. Compile a monthly monitoring report and make it available to the Department if requested.
- 4.13 The duties and responsibility of the ECO should not be seen as exempting the holder of the EA from the legal obligations in terms of the NEMA

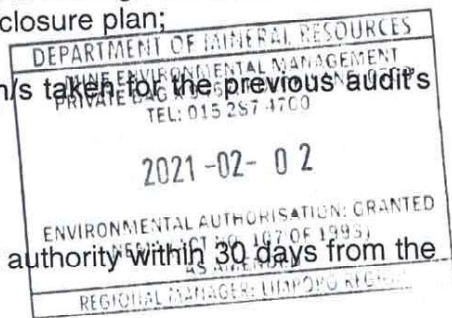


- 4.15 The footprint of the activity (ies) must be limited on the areas authorised for the actual construction works and operational activities and all areas outside of the footprint must be regarded as a "no go" areas.
- 4.16 Erosion and soil loss must be prevented by minimizing the construction site exposed to surface water run-off. Where necessary erosion stabilizing action such as gabions or re-vegetation must be implemented to prevent further habitat deterioration.
- 4.17 The holder of the EA must ensure that all personnel who work with hazardous waste are trained to deal with these potential hazardous situations so as to minimise the risk involved. Records of training and verification of competence must be kept by the holder EA.
- 4.18 In order to prevent nuisance conditions, the holder of the EA must ensure that all storage skips and bins are not overfilled.

5 REPORTING TO THE DEPARTMENT

5.1 The holder of EA must:

- 5.1.1 submit an Environmental Audit Report to this Department biennially and such report must be done by qualified Environmental Assessment Practitioner and must specify whether conditions of this environmental authorisation and EMP/closure plan are adhered to;
- 5.1.2 identify and assess any new impacts and risks as a result of undertaking the activity/ies, if applicable;
- 5.1.2.1 identify shortcomings in the EMP/closure plan, if applicable;
- 5.1.4. identify the need, if any, for any changes to the management, avoidance and mitigation measures provided for in the EMP/closure plan;
- 5.1.5 if applicable, specify that the corrective action/s taken for the previous audit's non-conformities, was adequate;
- 5.1.6 Specify the name of the auditor and
- 5.1.7 Be submitted by the holder to the competent authority within 30 days from the date on which the auditor finalised the audit.



- 5.2 Should any shortcomings in terms of Regulation 34(4) be identified, the holder must submit recommendation to amend the EMP/closure plan in order to rectify any shortcomings identified with the aforementioned audit report.
- 5.3 Any complaint received from the I&AP during all phases of the operation must be attended to as soon as possible and addressed to the satisfaction of all concerned interested and affected parties.

- 5.4 The holder of the EA must annually assess the environmental liabilities of the operation by using the master rates in line with the applicable Consumer Price Index (CPI) at the time and address the shortfall on the financial provision submitted in terms of section 24P of NEMA.
- 5.5 The holder of the EA must, within 24 hours of incidents occurring, notify the Competent Authority of the occurrence or detection of any incident on the site, or incidental to the operation of the site, which has the potential to cause, or has caused pollution of the environment, health risks, nuisance conditions or water pollution.
- 5.6 The holder of the EA must, within 14 days, or a shorter period of time, if specified by the Competent Authority from the occurrence or detection of any incident referred to in condition 5.5, submit an action plan, which must include a detailed time schedule, and resource allocation signed off by top management, to the satisfaction of the Competent Authority of measures taken to –
- 5.6.1.1 Correct the impact resulting from the incident;
- 5.6.1.2 Prevent the incident from causing any further impact; and
- 5.6.1.3 Prevent a recurrence of a similar incident.
- 5.7 In the event that measures have not been implemented within 21 days of the incident referred to in condition 5.6, or measures which have been implemented are inadequate, the Competent Authority may implement the necessary measures at the cost of the holder of the EA.

6. SITE SECURITY AND ACCESS CONTROL

- 6.1 The holder of the EA must ensure effective access control on the site to reasonably prevent unauthorised entry. Signs indicating the risks involved in unauthorised entry must be displayed at each entrance.



7. EMERGENCY PREPAREDNESS PLAN

- 7.1 The holder of the EA must maintain and implement an emergency preparedness plan and review it biennially when conducting audit and after each emergency and or major accident. The plan must, amongst others, include:

- 7.1.1 Site Fire

- 7.1.3 Spillage
- 7.1.3 Natural disasters such as floods
- 7.1.4 Industrial action
- 7.1.5 Contact details of police, ambulances and any emergency centre closer to the site.

- 7.2 The holder of EA must ensure that an up to date emergency register is kept during all phases of the operation. This register must be made available upon request by the department.

8. INVESTIGATIONS

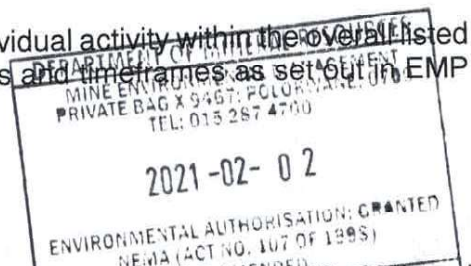
- 8.1 If, in the opinion of the Competent Authority, nuisances or health risks may be or is occurring on the site, the holder of the EA must initiate an investigation into the cause of the problem or suspected problem.
- 8.2 If, in the opinion of the Competent Authority, pollution may be or is occurring, the holder of the EA must initiate an investigation into the cause of the problem or suspected problem. Such investigation must include the monitoring of the water quality variables, at those monitoring points and such frequency as may be specified by the Competent Authority.
- 8.3 Investigations carried out in terms of conditions 8.1 and 8.2 above must include the monitoring of the relevant environmental pollution, nuisance and health risk variables, at those monitoring points and such frequency to be determined in consultation with the Competent Authority.
- 8.4. Should the investigation carried out as per conditions 8.1 and 8.2 above reveal any unacceptable levels of pollution, the holder of the EA must submit mitigation measures to the satisfaction of the Competent Authority.

9. COMMISSIONING AND DECOMMISSIONING

- 9.1 The commissioning and decommissioning of individual activity within the overall listed mining activity must take place within the phases and timeframes as set out in EMP or EMPr.

10. SITE CLOSURE

- 10.1 The holder of EA must apply for a closure certificate in terms of Section 43 of Mineral and Petroleum Resources Development Act (Act 28 of 2002), as amended within 180 days of occurrence of lapsing, abandonment, cancellation, cessation, relinquishment and completion of development.



- 10.2 The application for closure indicated above must be submitted together with all relevant documents as indicated in Section 43 of Mineral and Petroleum Resources Development Act (Act 28 of 2002), as amended.
- 10.3 No exotic plants may be used for rehabilitation purposes only indigenous plant can be utilized for rehabilitation purposes.
- 10.4 The holder of EA remains responsible for any environmental liability, pollution or ecological degradation, the pumping and treatment of extraneous water, compliance with the conditions of EA and the management and sustainable closure thereof until the Minister has issued a Closure Certificate in terms of Section 43 of Mineral and Petroleum Resources Development Act (Act 28 of 2002). Where necessary the Minister may retain certain portion of financial provision for residual, health or environmental impacts that might be known in future.

11. NEMA PRINCIPLES

The NEMA Principles (set out in Section 2 of NEMA, which apply to the actions of all Organs of State, serve as guidelines by reference to which any Organ of State must exercise any function when taking any decision, and which must guide the interpretation, administration and implementation of any other law concerned with the protection or management of the environment), inter alia, provides for:

- the effects of decisions on all aspects of the environment to be taken into account;
- the consideration, assessment and evaluation of the social, economic and environmental impacts of activities (disadvantages and benefits), and for decisions to be appropriate in the light of such consideration and assessment;
- the co-ordination and harmonisation of policies, legislation and actions relating to the environment;
- the resolving of actual or potential conflicts of interest between Organs of State through conflict resolution procedures; and
- the selection of the best practicable environmental option.



12. DISCLAIMER

The Department of Mineral Resources in terms of the conditions of this environmental authorisation shall not be responsible for any damages or losses suffered by the holder, developer or his/her successor in any instance where construction or operation subsequent to construction is temporarily or permanently stopped for reasons of non-compliance with the

conditions as set out herein or any other subsequent document or legal action emanating from this decision.

13. RECOMMENDATIONS

In view of the above and the NEMA principles, compliance with the conditions stipulated in this EA as well as with the EMP/closure plan, the competent authority is satisfied that the proposed listed activity/ies will not conflict with the general objectives of Integrated Environmental Management stipulated in Chapter 5 of NEMA, and that any potentially detrimental environmental impacts resulting from the listed activity/ies can be mitigated to acceptable levels. **The authorisation is accordingly granted.**

Your interest in the future of our environment is appreciated.

Kind Regards

U. H. Molepo
CHIEF DIRECTOR: MINERAL REGULATION
NORTHERN REGIONS
DATE: 02.02.2021

DEPARTMENT OF MINERAL RESOURCES
MINE ENVIRONMENTAL MANAGEMENT PRIVATE BAG X 9467, POLOKWANE 0700 TEL: 015 287 4700
2021-02-02
ENVIRONMENTAL AUTHORISATION: GRANTED NEMA (ACT NO. 107 OF 1996) AS AMENDED
REGIONAL MANAGER: LIMPOPO REGION