

APPENDIX F: ENVIRONMENTAL AUTHORISATIONS AND MINING RIGHT



Department of Agriculture, Conservation & Environment

Reference:	NWP/EIA/59/2007
Enquiries:	Motshabi Mohlalisi
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Att: Mr. Obakeng Gaitate
 ITERELENG BAKGATLA MINERAL RESOURCES (PTY) LTD
 P O Box 1934
 BEDFORDVIEW
 2008

Fax no: 011 553 7003

Dear Sir

ENVIRONMENTAL AUTHORISATION FOR THE SEDIBELO PLATINUM MINING PROJECT ON THE FARMS WILGESPRUIT 2 JQ, ROODERAND 46 JQ, KOEDOESFONTEIN 42 JQ AND LEGKRAAL 43 JQ, NOTICE 1, ACTIVITY NUMBER 13, GN R 386 AND NOTICE 2, ACTIVITY NUMBER 1c, 1e, 1f, 1g, 1j, 1p, 2, 5, 6, AND 8, GN R 387, MOSES KOTANE LOCAL MUNICIPALITY, NORTH WEST PROVINCE (NWP/EIA/59/2007).

Your application for authorisation, in terms of section 24(2) (a) of the National Environmental Management Act, 1998 as amended (Act No. 107 of 1998) in respect of –

- (1) The abstraction of groundwater at a volume where any general authorisation issued in terms of the National Water Act, 1998 (Act No. 36 of 1998) will be exceeded;
- (2) Above ground storage of dangerous good, including petrol, diesel, liquid petroleum gas or paraffin, in containers with combined capacity of 1000 cubic metres or more at any one location or site including the storage of one or more dangerous goods, in a tank farm;
- (3) The construction of facilities or infrastructure including associated structures or infrastructure, for any process or activity which requires a permit or license in terms of legislation governing the generation or release of emissions, pollution, effluent or waste and which is not identified in Government Notice No. R. 386 of 2006;
- (4) The construction of facilities or infrastructure including associated structures or infrastructure, for the recycling, reuse, handling, temporary storage or treatment of general waste with a throughput capacity of 50 tons or more daily average measured over a period of 30 days;
- (5) The construction of facilities or infrastructure including associated structures or infrastructure, for the use, recycling, handling, treatment, storage or final disposal of hazardous waste;

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- (6) The construction of facilities or infrastructure including associated structures or infrastructure, for the bulk transportation of dangerous goods using pipelines, funiculars or conveyors with a throughput capacity of 50 tons or 50 cubic metres or more per day;
- (7) The construction of facilities or infrastructure including associated structures or infrastructure, for the treatment of effluent, wastewater, sewage with an annual throughput capacity of 15 000m³ or more;
- (8) Any development activity, including associated structures and infrastructure, where the total area of the developed area is, or is intended to be, 20 hectares or more;
- (9) The route determination of roads and design of associated physical infrastructure, including roads that have not yet been built for which routes have been determined before the publication of this notice and which has not been authorised by a competent authority in terms of the Environmental Impact Assessment Regulations, 2006 made under section 24 (5) of the Act and published in Government Notice No. R 385 of 2006, where; (a) it is a national road as defined in section 40 of the South African National Roads Agency Limited and National Roads Act, 1998 (Act No. 7 of 1998); (b) it is a road administered by a provincial authority; (c) the road reserve is wider than 30 metres; or (d) the road will cater for more than one lane of traffic in both directions; and
- (10) The construction of a dam where the highest part of the dam wall, as measured from the outside toe of the wall to the highest part of the wall, is 5 metres or higher, or where the high water mark of the dam covers an area of 10 hectares or more.

[listed activities: 13 in Notice 1 of GN. R. 386 and 1c, 1e, 1f, 1g, 1j, 1p, 2, 5 and 6 in Notice 2 of GN. R. 387 of 21 April 2006, respectively] in terms of Chapter 5 of NEMA, 1998 refer.

This Department has evaluated the Environmental Impact Assessment Report and Environmental Management Programme dated December 2007 and received on the 15th January 2008, the Specialist Reports received by the Department on 12 March 2008 for the Sedibelo Platinum Mining Project on the farms Wilgespruit 2 JQ, Rooderand 46 JQ, Koedoesfontein 42 JQ and Legkraal 43 JQ, Moses Kotane Local Municipality, North West Province compiled by Knight Piésold to verify whether these activities will have significant negative impacts on the environment.

In terms of section 42A of National Environmental Management Act, 1998 as amended, and by virtue of the powers delegated by the MEC, the Chief Director: Environmental Services of the Department of Agriculture, Conservation and Environment authorises:

- (1) The abstraction of groundwater at a volume where any general authorisation issued in terms of the National Water Act, 1998 (Act No. 36 of 1998) will be exceeded;**
- (2) Above ground storage of dangerous good, including petrol, diesel, liquid petroleum gas or paraffin, in containers with combined capacity of 1000 cubic metres or more at any one location or site including the storage of one or more dangerous goods, in a tank farm;**
- (3) The construction of facilities or infrastructure including associated structures or infrastructure, for any process or activity which requires a permit or license in terms**

of legislation governing the generation or release of emissions, pollution, effluent or waste and which is not identified in Government Notice No. R. 386 of 2006;

- (4) The construction of facilities or infrastructure including associated structures or infrastructure, for the recycling, reuse, handling, temporary storage or treatment of general waste with a throughput capacity of 50 tons or more daily average measured over a period of 30 days;*
- (5) The construction of facilities or infrastructure including associated structures or infrastructure, for the use, recycling, handling, treatment, storage or final disposal of hazardous waste;*
- (6) The construction of facilities or infrastructure including associated structures or infrastructure, for the bulk transportation of dangerous goods using pipelines, funiculars or conveyors with a throughput capacity of 50 tons or 50 cubic metres or more per day;*
- (7) The construction of facilities or infrastructure including associated structures or infrastructure, for the treatment of effluent, wastewater, sewage with an annual throughput capacity of 15 000m³ or more;*
- (8) Any development activity, including associated structures and infrastructure, where the total area of the developed area is, or is intended to be, 20 hectares or more;*
- (9) The route determination of roads and design of associated physical infrastructure, including roads that have not yet been built for which routes have been determined before the publication of this notice and which has not been authorised by a competent authority in terms of the Environmental Impact Assessment Regulations, 2006 made under section 24 (5) of the Act and published in Government Notice No. R 385 of 2006, where; (a) it is a national road as defined in section 40 of the South African National Roads Agency Limited and National Roads Act, 1998 (Act No. 7 of 1998); (b) it is a road administered by a provincial authority; (c) the road reserve is wider than 30 metres; or (d) the road will cater for more than one lane of traffic in both directions; and*
- (10) The construction of a dam where the highest part of the dam wall, as measured from the outside toe of the wall to the highest part of the wall, is 5 metres or higher, or where the high water mark of the dam covers an area of 10 hectares or more.*

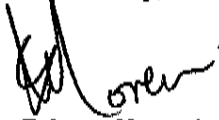
[listed activities: 13 in Notice 1 of GN. R. 386 and 1c, 1e, 1f, 1g, 1j, 1p, 2, 5 and 6 in Notice 2 of GN. R. 387 of 21 April 2006, respectively]

which refer to the Sedibelo Platinum Mining Project on the farms Wilgespruit 2 JQ, Rooderand 46 JQ, Koedoesfontein 42 JQ and Legkraal 43 JQ, Moses Kotane Local Municipality, North West Province.

Enclosed please find the Environmental Authorisation and the conditions under which your application is authorised.

Formal appeals regarding the authorisation can be directed to the MEC for Agriculture, Conservation and Environment, North West Province. Such an appeal must be lodged in terms of chapter 7 of the regulations.

Yours faithfully,



Mr. Tshepo Moremi
Chief Director: Environmental Services
Department of Agriculture, Conservation and Environment
Date: 04/08/2008

cc: **Knight Piesold Consulting**
Contact person: Linda Munro
Tel: (011) 806 7111
Fax: (011) 553 7003

Moses Kotane Local Municipality
Municipal Manger: Mr. G J Moatshe
Tel: 014 555 6289
Fax: 014 555 7064

Department of Water Affairs and Forestry
Regional Director - North West: Mr. C.M. Lobakeng
Tel: (018) 384 3270
Fax: (018) 384 0913/392 2998

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A. DEFINITIONS

"associated structures or infrastructure" means the building or infrastructure that is necessary for the functioning of a facility or activity or that is used for an ancillary service or use from the facility.

"the Act" means the National Environmental Management Act, 1998 (Act No. 107 of 1998);

"the Department" means the Department of Agriculture, Conservation and Environment;

"the Regulations" means the Environmental Impact Assessment Regulations, 2006;

"construction" means the building, erection or expansion of a facility, structure or infrastructure that is necessary for the undertaking of an activity, but excludes any modification, alteration or upgrading of such facility, structure or infrastructure that does not result in a change to the nature of the activity being undertaken or an increase in the production, storage or transportation capacity of that facility, structure or infrastructure; and

"dangerous goods" means goods that are capable of posing a significant risk to the health and safety of people or the environment and which are listed in South African National Standard No. 10228 designated "The identification and classification of dangerous goods for transport", SANS 10228:2003, edition 3, published by Standards South Africa, ISBN 0-626-14417-5, as may be amended from time to time.

B. ENVIRONMENTAL AUTHORISATION

DECISION IN TERMS OF SECTION 24(2)(a) OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998, (AS AMENDED) AND ENVIRONMENTAL IMPACT ASSESSMENT REGULATION 2006 (REGULATION 37) WITH REGARD TO THE UNDERTAKING OF THE ACTIVITY DESCRIBED BELOW AS REQUIRED BY GOVERNMENT NOTICE NO. R 385 OF 21 APRIL 2006.

1. REFERENCE NUMBER: NWP/EIA/59/2007
2. BRIEF DESCRIPTION OF ACTIVITY:

The activity entails the establishment of a new Sedibelo Platinum Mine which includes the following activities:

Mining will target an output of 350 000 tones of ore per month to the plant. Ore will be processed through a concentrator, the concentrate will then be passed on to an off site smelter and base metal refinery (BMR) for toll treatment. Residue disposal will be through tailings storage facility and waste rock dump.

Key Surface infrastructure will include:

- Open pit
- Declines and vent shafts for underground working
- Tailings Storage Facility (TSF) with return water dam (RWD) and associated slurry and water pipelines.

- Crusher and Grout plants and associated infrastructure
- ROM pads (Ore, Topsoil and Overburden Stockpiles)
- Waste Rock Dump (WRD)
- Processing plant complex consisting of a concentrator
- Raw water reservoir and associated infrastructure such as pipelines
- Conveyance infrastructure
- Solid waste skips and transfer area
- Sewage treatment plants and associated infrastructure
- Workshops
- Vehicle and equipment servicing bays
- Fuel bays
- Mine storage and salvage yard
- Change houses
- Lamp rooms
- Control gateways
- Administrative buildings and Assay Laboratory
- Accommodation Camp and associated infrastructure
- Contractors laydown areas
- Access roads
- Potable water reticulation infrastructure
- Stormwater management infrastructure

3. LOCATION:

The site of the development is located on the farms Wilgespruit 2 JQ, Rooderand 46 JQ, Koedoesfontein 42 JQ and Legkraal 43 JQ, Moses Kotane Local Municipality, North West Province. The co-ordinates of the site are S27°2'22" and E25°5'37" (Wilgespruit 2 JQ - 29.57km square, 2957ha; Rooderand 46 JQ - 21.76km square, 2176ha; Koedoesfontein 42 JQ - 23.36km square, 2336ha; Legkraal 43 JQ - 17.85km square, 1785ha).

4. APPLICANT:

Itereleng Bakgatla Mineral Resources
 P O Box 1934
BEDFORDVIEW
 2008
 Contact Person: Mr. Obakeng Gaitate
 Tel: (011) 553 7000
 Fax: (011) 553 7003

5. ENVIRONMENTAL ASSESSMENT PRACTITIONER

Knight Piésold Consulting
 P. O Box 221
RIVONIA
 2128
 Contact person: Linda Munro
 Tel: (011) 806 7111
 Fax: (086) 806 7100



6. SITE VISIT (S)

A site visit was conducted by Ms. Motshabi Mohlalisi and Ms. Kgomotso Modise of this Department and Mr. Bonny Sebola and Mr. Solomon Pienaar of Barrick Africa on the 31st of July 2007.

7. DECISION

The Department is satisfied, on the basis of information available to it and subject to compliance with the conditions of this environmental authorisation. An Authorisation is granted in terms of section 24(2) (a) of the National Environmental Management Act, 1998 (Act No. 107 of 1998) (as amended) for -

- (1) The abstraction of groundwater at a volume where any general authorisation issued in terms of the National Water Act, 1998 (Act No. 36 of 1998) will be exceeded;
- (2) Above ground storage of dangerous good, including petrol, diesel, liquid petroleum gas or paraffin, in containers with combined capacity of 1000 cubic metres or more at any one location or site including the storage of one or more dangerous goods, in a tank farm;
- (3) The construction of facilities or infrastructure including associated structures or infrastructure, for any process or activity which requires a permit or license in terms of legislation governing the generation or release of emissions, pollution, effluent or waste and which is not identified in Government Notice No. R. 386 of 2006;
- (4) The construction of facilities or infrastructure including associated structures or infrastructure, for the recycling, reuse, handling, temporary storage or treatment of general waste with a throughput capacity of 50 tons or more daily average measured over a period of 30 days;
- (5) The construction of facilities or infrastructure including associated structures or infrastructure, for the use, recycling, handling, treatment, storage or final disposal of hazardous waste;
- (6) The construction of facilities or infrastructure including associated structures or infrastructure, for the bulk transportation of dangerous goods using pipelines, funiculars or conveyors with a throughput capacity of 50 tons or 50 cubic metres or more per day;
- (7) The construction of facilities or infrastructure including associated structures or infrastructure, for the treatment of effluent, wastewater, sewage with an annual throughput capacity of 15 000m³ or more;
- (8) Any development activity, including associated structures and infrastructure, where the total area of the developed area is, or is intended to be, 20 hectares or more;
- (9) The route determination of roads and design of associated physical infrastructure, including roads that have not yet been built for which routes have been determined before the publication of this notice and which has not been authorised by a competent authority in terms of the Environmental Impact Assessment Regulations, 2006 made under section 24 (5) of the Act and published in Government Notice No. R 385 of 2006, where; (a) it is a national road as defined in section 40 of the South African National Roads Agency Limited and National Roads Act, 1998 (Act No. 7 of 1998); (b) it is a road administered by a provincial authority; (c) the road reserve is wider than 30 metres; or (d) the road will cater for more than one lane of traffic in both directions; and
- (10) The construction of a dam where the highest part of the dam wall, as measured from the outside toe of the wall to the highest part of the wall, is 5 metres or higher, or where the high water mark of the dam covers an area of 10 hectares or more.

[listed activities: 13 in Notice 1 of GN. R. 386 and 1c, 1e, 1f, 1g, 1j, 1p, 2, 5 and 6 in Notice 2 of GN. R. 387 of 21 April 2006, respectively]

Details / reasons regarding the basis on which the Department reached this decision are set out below.

7.1. BACKGROUND

The applicant, **Itereleng Bakgatla Mineral Resources (Pty) Ltd** applied for authorisation to carry out the following activity:

The Sedibelo Platinum Mining Project on the farms Wilgespruit 2 JQ, Rooderand 46 JQ, Koedoesfontein 42 JQ and Legkraal 43 JQ, Moses Kotane Local Municipality, North West Province.

The applicant appointed **Knight Piésold (Pty) Ltd** to undertake the Environmental Impact Assessment Process.

7.2. 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 Environmental Impact Assessment Report dated December 2007 and received by the Department on the 15th of January 2008.
- (b) The following Specialist Reports received on the 12th of March 2008:
 - Air quality impact assessment for the Sedibelo Platinum Mining and Smelter Operations compiled by SJ Thompson and RM Watson of SSI (a dhv company);
 - Assessment of the risk posed to the general aquatic ecosystem associated with Sedibelo Platinum Project prepared by Econ@uj – a consortium of ecological scientists dated 18 May 2007;
 - Fauna & Flora (Ecological) Assessment compiled by Wits Commercial Enterprise (Pty) Ltd and Natural Scientific Services cc dated May 2007;
 - Interpretation of Static and Kinetic Geochemical Tests for the Sedibelo Mine compiled by Institute for Groundwater Studies dated May 2007;
 - A phase I Heritage Impact Assessment (HIA) study for the proposed new Sedibelo Platinum Mine near the Pilanesberg in the North West Province of South Africa prepared by Dr Julius CC Pistorius – Archaeologist and Heritage Management Consultant;
 - Noise Impact Study for the Sedibelo Platinum Project dated April 2007;
 - Sedibelo Platinum Mine Pedological Investigation compiled by ESS – Earth Science Solutions dated April 2007;
 - Sedibelo Platinum Mine Socio-economic Impact Assessment Report compiled by synergy, urban-econ (Development Economists) dated 18 May 2007;
 - Draft bankable hydrogeological feasibility study report dated March 2008 compiled by Knight Piésold (Pty) Ltd
- (c) The comments from the Department of Water Affairs and Forestry and Moses Kotane Local Municipality received on the 19th of May 2008.

- (d) The objectives and requirements of relevant legislation section 2 of the National Environmental Management Act, 1998 (Act No. 107 of 1998), policies and guidelines.
- (e) The findings of the site visit undertaken by Ms. Kgomotso Modise and Ms. Motshabi Mohlalisi of this Department and Mr. Bonny Sebola and Mr. Solomon Pienaar of Barrick Africa on the 31st of July 2007.

7.3. KEY FACTORS CONSIDERED IN MAKING THE DECISION

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

- (a) Environmental issues identified and mitigation measures of environmental impacts;
- (b) Consideration of Alternatives ;
- (c) Public participation process.

7.4. FINDINGS

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

- a) The possible environmental impacts on environmental, cultural and social features were addressed adequately;
- b) There comments from interested and affected parties were addressed; and
- c) Development and location alternatives were investigated thoroughly.

In view of the above, the Department is satisfied that, subject to compliance with the conditions contained in the environmental authorisation, the proposed activity will not conflict with the general objectives of integrated environmental management laid down in Chapter 5 of the National Environmental Management Act, 1998 and that any potentially detrimental environmental impacts resulting from the proposed activity can be mitigated to acceptable levels.

The granting of this authorisation is subject to the following conditions set out below:

8. CONDITIONS

8.1. STANDARD CONDITIONS

- 8.1.1 Authorisation of the activities is subject to the conditions contained in this authorisation, which forms part of the environmental authorisation and are binding on the holder of the authorisation.
- 8.1.2 The holder of the authorisation shall be responsible for ensuring compliance with the conditions by any person acting on his or her behalf, including but not limited to, an agent, sub-contractor, employee or person rendering a service to the holder of the authorisation.

- 8.1.3 The activities which are authorised may only be carried out at the property indicated above (paragraph 3).
- 8.1.4 Any changes to, or deviations from, the project description set out in this authorisation must be approved, in writing, by the Department before such changes or deviations may be effected. In assessing whether to grant such approval or not, the Department may request such information as it deems necessary to evaluate the significance and impacts of such changes or deviations and it may be necessary for the holder of the authorisation to apply for further authorisation in terms of the regulations.
- 8.1.5 These activities must commence within a period of **two (2) years** from the date of issue. If commencement of the activities does not occur within that period, the authorisation lapses and a new application for environmental authorisation must be made in order for the activity to be undertaken.
- 8.1.6 If the proponent anticipates that commencement of the activities would not occur within **two (2) year** period, he / she **must** apply and **show good cause** for an extension of the Environmental Authorisation **six (6) months** prior to its expiry date.
- 8.1.7 A copy of this authorisation must be kept at the property where these activities will be undertaken. The authorisation must be produced to any authorised governmental official(s) who may requests to see it for inspection purposes and must be made available to the contractor(s) / subcontractor (s) authorised to undertake work at the property.
- 8.1.8 Where any of the applicant's contact details change, including the name of the responsible person, the physical or postal address and/ or telephonic details, the applicant must in writing notify the Department, within reasonable time.
- 8.1.9 This authorisation does not negate the holder of the authorisation's responsibility to comply with any other statutory requirements that may be applicable to the undertaking of the activity.
- 8.1.10 After an appeal period has expired and no good cause to extend the appeal period has been submitted (Regs 64), a **thirty (30)** day-written notice must be given to the Department that these activities will commence. Commencement for the purposes of this condition includes site preparation. The notice must include a date on which it is anticipated that the activity will commence.

8.2 MANAGEMENT OF THE ACTIVITIES

- 8.2.1 The Environmental Management Programme dated December 2007 compiled by Knight Piésold Consulting must be adopted.
- 8.2.2 The conditions of this Department must also be adopted in the management of activities



8.3 SPECIFIC CONDITIONS

8.3.1 Air Quality

8.2.1.1 A permit must be obtained from the Chief Air Pollution Control Officer of the National Department of Environmental Affairs and Tourism.

8.3.2 Above – Ground diesel storage tanks

8.3.2.1 The exact locations of the storage tanks and the exact amount of fuel to be stored must be recorded in the Environmental Management Programme prior commencement. This information must be made available to this Department upon request.

8.3.2.2 All tank installations must comply with the relevant SABS/SANS standards.

8.3.2.3 The records for above-ground storage tanks must have the following information:

- a. Reconciliation of daily stock versus fuel consumption including discussion on any discrepancies.
- b. Maintenance registers of pumps and equipment.
- c. Update of emergency procedures and fire drills.
- d. Any incidents occurring with reference to the distribution of the fuel.
- e. Conformance of the installation and the tank manufacture with the SABS/SANS standards.

8.3.2.4 In the case of spillage or leak, this Department, DWAF and all adjacent landowners must be notified within twenty four (24) hours of the incident.

8.3.3 Liquid Petroleum Gas

8.3.3.1 The exact location and capacity and specific mitigation measures must be included in the Environmental Management Programme before commencement.

8.3.4 Waste Management

8.3.4.1 A general waste disposal site permit must be applied for at the National Department of Environmental Affairs and Tourism.

8.3.5 Water Pollution

8.3.5.1 The recommendations in the letter dated 16 May 2003 by the Department of Water Affairs and Forestry must be complied with.

8.3.5.2 The exact location and capacity of the sewage treatment plant must be done with consultation of the Department of Water Affairs and Forestry. This information must also form part of the Environmental Management Programme.

8.3.6 Roads

8.3.6.1 The access roads must be constructed with consultation of the Department of Transport, Roads and Community Safety.

8.4 COMMISSIONING OF THE ACTIVITY

- 8.4.1 No surface or ground-water must be polluted due to any activity on the property or site. The relevant requirements of the National Water Act, 1998 (Act No. 36 of 1998) must be complied with at all times; including flood lines, water uses, etc.
- 8.4.2 Storm water management system must be designed and implemented in adherence to the recommendations from the Moses Kotane Local Municipality and the Department of Water Affairs and Forestry.
- 8.4.3 Ambient monitoring must be undertaken to establish both the baseline conditions prior to the onset of operations on-site and in order to establish the level at which the authorised operations are noted to impact on ambient air, surface and ground water.
- 8.4.4 Erosion must be controlled as specified in the Conservation of Agricultural Resources Act, 1983 (Act No. 43 of 1983).
- 8.4.5 Weeds and invader plants that are declared in terms of the Conservation of Agricultural Resources Act, 1983 (Act No. 43 of 1983) must be controlled as specified in the Act.
- 8.4.6 Plants that are protected in terms of legislation, for instance the Transvaal Nature Conservation Ordinance, No. 12 of 1983, must not be removed unless authorised by the Director: Biodiversity Management and Conservation of this Department.
- 8.4.7 Indigenous large trees (i.e. 200mm trunk diameter) and shrubs are to be retained during construction activities. Clearing of natural vegetation must be restricted, particularly on areas prone to erosion.
- 8.4.8 Should any archaeological artifact be exposed during foundation excavation, the construction in the vicinity of the finding must be stopped. Under no circumstances shall any artifact be destroyed. Such an archaeological site must be marked and fenced off, and South African Heritage Resource Agency must be contacted within **48 hours**.
- 8.4.9 Chemical toilets must be provided for the workers if the efforts to utilize the existing sanitation facilities on site fail.
- 8.4.10 Refuse and waste generated during construction must be stored on site in appropriate container and disposed of at the local registered waste disposal site.
- 8.4.11 Noise, dust and any emissions must be properly managed during the construction phase.

8.4.12 The operation of machinery / vehicles during construction must be kept to normal working hours or specified hours (Summer 07h00 – 17h30, Winter 07h00 – 17h00) to prevent unwanted noise levels at night.

8.5 SITE CLOSURE AND DECOMMISSIONING

8.5.1 Environmental Management Plan for site closure and decommissioning of the proposed development must be submitted to this Department and the department must be notified 30 days prior to the decommissioning.

8.6 MONITORING

8.6.1 This Department reserves the right to monitor and audit the authorised activity throughout its life cycle to ensure compliance with legislation and the conditions stipulated in this authorisation.

8.7 NON-COMPLIANCE CONDITIONS

8.7.1 In the event of non-compliance by any contractor during the construction of the authorised activity the holder / applicant of this authorisation will be liable.

8.7.2 The holder / applicant shall be responsible for all costs necessary to comply with the above conditions unless otherwise specified.

8.7.3 The holder must in the event of non-compliance with any condition of this authorisation inform the Director: Environmental Management and Protection of this Department, in writing, within **forty (48) hours**.

8.7.4 Records relating to compliance and non-compliance with the conditions of this authorisation must be kept in good order. Such records shall be made available to this Department within **seven (7) days** of receipt of a written request by the department. Environmental compliance will further be monitored through complaints received from the public.

8.7.5 Non-compliance with a condition of this authorisation may result in criminal prosecution or other actions provided for in the National Environmental Management Act, 1998, section 24f (2) and Regulation 81(d).

9 APPEAL OF AUTHORISATION

9.1 The holder of the authorisation must notify every **registered** interested and affected party, in writing and within **five (5) days**, of receiving the Department's decision.

9.2 The notification referred to in 9.1 must :

9.2.1 Specify the date on which the authorisation was issued;

9.2.2 Inform the registered interested and affected party of the appeal procedure provided for in Chapter 7 of the regulations;

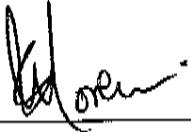
9.2.3 Advise the interested and affected party that a copy of the authorisation and reasons for the decision will be furnished on request;

9.2.4 An appeal against the decision must be lodged in terms of chapter 7 of the Regulations from the date of this authorisation, with:

The Member of the Executive Council
Department of Agriculture, Conservation and Environment
Private Bag x 2039
MMABATHO
2735
Tel: (018) 389 5111
Fax: (018) 384 2679

10 ISSUED BY:

Mr. Tshepo Moremi
Chief Director: Environmental Services
North West Department of Agriculture, Conservation and Environment

Signature:  Date: 04/08/2008



mineral resources & energy

Department:
Minerals Resources and Energy
REPUBLIC OF SOUTH AFRICA

Enquiries: P. Makamu
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Cnr Margaretha Prinsloo & Voortrekker Streets
Vaal University of Technology Building, Klerksdorp, 2570
Private Bag A1, Klerksdorp, 2570
Tel No: (018) 487 4300; Fax: (018) 487 4350

Sub-Directorate: Mine Environmental Management

Ref: NW30/5/1/2/3/2/1/10029EM

The Director
Richtrau 123 (Pty) Ltd
Private Bag X11
Highveld
0067

Attention Mr. Richard Viring

APPROVAL OF ENVIRONMENTAL MANAGEMENT PROGRAMME IN TERMS OF SECTION 39 (4) (A) (I – III) OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (ACT NO.28 OF 2002) WHICH IS NOW REGARDED AS AN ENVIRONMENTAL AUTHORISATION ISSUED IN TERMS OF REGULATION 25 (1) OF THE ENVIRONMENTAL IMPACT ASSESSMENT REGULATIONS, 2014 AS AMENDED TO MINE TO MINE FOR CHROME, PLATINUM, RHODIUM, RUTHENIUM, OSMIUM, IRIDIUM, COBALT, GOLD, SILVER, NICKEL AND COPPER OVER THE FARM MAGAZYNSKRAAL 03 JQ, SITUATED IN THE MAGISTERIAL DISTRICT OF MANKWE, NORTH WEST PROVINCE.

Kindly note that any amendment of the Environmental Authorisation (Approved Environmental Management Programme) must be lodged according to the National Environmental Management Act, 1998 (Act No.107 of 1998) (NEMA).

EMPr stipulates Environmental Management Programme and a copy thereof should always be available on site.

The EMPr has been approved under the following conditions which must be adhered to:

1. All mining activities must take place in accordance with the approved EMPr.
2. All available topsoil must be stripped and stockpiled separately prior to any surface disturbance.
3. No mining activities and infrastructure are allowed within 1:50 flood line or 100 meters from the edge of the river whatever is the greater, without the necessary authorization from Department of Water and Sanitation (DWS).
4. All mining waste must be taken back to the excavation area for backfilling purposes.

5. **Richtrau 123 (Pty) Ltd** is responsible for all surface disturbances on the mining area, which includes all historical surface disturbances.
6. No mining waste will be allowed to be deposited in a natural drainage line, erosion gullies and or dongas, unless agreed thereto in writing with the Regional Manager.
7. No dump structures must be left on surface; this includes topsoil stockpiles, overburden stockpiles, waste rocks stockpiles, tailings dumps and slime dams.
8. All excavations must be backfilled to the natural surface level, if a bulk factor exist it must be accommodated on the total area of disturbance.
9. A surveyed plan must be submitted every year to the Regional Manager that indicates:
 - The position, footprints and volumes of all topsoil stockpiles, overburden dumps, waste rock dumps and slime dams (any structures that is above the natural surface).
 - The positions, surface areas and depths of all open pits.
 - The positions and surface areas of all rehabilitated areas (please indicate the status of rehabilitation-backfilled, profiled/landscaped, top soiled, vegetated or monitoring and managing).
10. The rehabilitation fund must be upgraded or revised on an annual basis according to the surveyed plan, which indicates the progress in rehabilitation as required in terms of section 24 P (3) (a) and (b) of NEMA.
11. Performance assessment report as contemplated in section 24Q of NEMA must be submitted to the Regional Manager: Mineral Regulation.
12. Any project, expansions or additional infrastructure must be addressed through an amendment and submitted to the Regional Manager: Mineral regulation for the approval, before they commence. This approval may be amended at any stage if deemed necessary.
13. Should any archaeological artefact be exposed during the mining activities in the vicinity of findings it must be stopped. Under no circumstances shall any artefact be destroyed. Such an archaeological site must be marked and fenced off, and South African Heritage Agency must be contacted as soon as possible.
14. This approval does not purport to absolve your company from its common law obligations towards the surface rights holder or any other affected party.
15. The following Acts are applicable and relevant to the said approval and your company is to familiarize itself with its provisions in so far as they apply to the company's operations:
 - The National Water Act, 1998 (Act No.36 of 1998), with particular reference to the sections pertaining to the mining or mining in the proximity of dams and their catchments areas, rivers, marshes, streams, pans and other water courses.

- The Environmental Conservation Act, 1989 (Act No.73 of 1989). Your attention is specially directed to the requirements of section 20 of the above Act.
- The National Environmental Act: Air Quality Act, 2004 (Act No.39 of 2004), with particular reference to the sections pertaining to the liberation of dust, and other emissions, created by mining activities, into the atmosphere.
- The Conservation of Agriculture Resources Act, 1983 (Act No.43 of 1983), with particular reference to sections pertaining to soil conservation.
- The National Heritage Resources Act, 1999 (Act No. 25 of 1999), with particular reference to sections pertaining to the protection of all historical and pre-historical cultural remains.
- The Mine Health and Safety Act, 1996 (Act No.29 of 1996) in conjunction with Mineral and Petroleum Resources Development Act (MPRDA), 2002 (Act No.28 of 2002), with particular reference to sections and regulations pertaining to health and safety at mines; mining within 100 meters from structures that must be protected; as well as those sections pertaining to rehabilitation of the surface.
- The National Environmental Management Act, 1998 (Act No.107 of 1998), with particular reference to principles in chapter 2 of the said Act.

16. All persons concerned must be made fully conversant with the terms of this approval, copies of which must be readily available to them.

Yours faithfully



REGIONAL MANAGER
MINERAL REGULATION
NORTH WEST REGION
 DATE: 31/03/2022

ACKNOWLEDGE OF RECEIPT:
 DATE: 31/03/2022

All the correspondence should be addressed to the attention of the Regional Manager of the Department of Mineral Resources and Energy: North West Region. Please quote this office file number as reference.