



mineral resources

Department:
Mineral Resources
REPUBLIC OF SOUTH AFRICA

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Saveways Centre, Nelson Mandela Drive, Emalahleni, 1035

Enquiries: Mr. M.C. Montsha: **Email:** Matome.Montsha@dmr.gov.za

Ref: (MP) 30/5/1/2/2 (126) EA

Directorate: Mine Environmental Management: Mpumalanga Region

BY HAND

The Directors

Evander Gold Mines (Pty) Ltd

Private Bag 1012

EVANDER

2280

Attention: Wayne Allen

Tel. no. (017) 620 1602

Fax no. (017) 632 4046

Email: wallen@paf.co.za

INTERGRATED ENVIRONMENTAL AUTHORISATION ISSUED IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 (NEMA) AS AMENDED, THE ENVIRONMENTAL IMPACT ASSESSMENT (EIA) REGULATIONS, 2014 AND THE NATIONAL ENVIRONMENTAL MANAGEMENT: WASTE ACT, 2008 AND GOVERNMENT NOTICE 984 OF 2013 FOR RE-PROCESSING OF GOLD TAILINGS AND ASSOCIATED EXPANSION OF THE KINROSS TSF ON PORTION 13 OF THE FARM RIETFONTEIN 420 IS AND OTHERS, SITUATED IN THE MAGISTERIAL DISTRICT OF EVANDER: MPUMALANGA REGION

With reference to the above-mentioned application, 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 (Mpumalanga Regional Office), within 20 days from the date of notification, and such appeal must be lodged as prescribed in 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: Mpumalanga Region
By facsimile : (013 656 1474
E-mail : Aubrey.Tshivhandekano@dmr.gov.za
By post : Private Bag X 7279, **WITBANK**, 1035
By hand : Saveways Centre, Nelson Mandela Drive, Emalahleni, 1035

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 parties, and a copy of the official appeal form can be obtained from the Department of Environmental Affairs.

Kind Regards



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REGIONAL MANAGER: MINERAL REGULATION
MPUMALANGA REGIONAL OFFICE
DATE: 31/7/2017

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A. DEFINITIONS

“activity” means an activity identified-

- (a) in Government Notice No. R. 983 of 2014 as a listed activity; or
- (b) in any other notice published by the minister or MEC in terms of Section 24D of the Act as a listed activity or specified activity.

“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.

“commence” means the start of any physical activity, including site preparation and any other activity on the site in furtherance of a listed activity or specified activity, but does not include any activity required for purposes of an investigation or feasibility study as long as such investigation or feasibility study does not constitute a listed activity or specified activity.

“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.

“independent”, in relation to an EAP or a person compiling a specialist report or undertaking a specialised process or appointed as a member of an appeal panel, means

- a) that such EAP or person has no business, financial, personal or other interest in the activity, application or appeal in respect of which that EAP or person is appointed in terms of these Regulations other than fair remuneration for work performed in connection with that activity, application or appeal; or
- b) that there are no circumstances that may compromise the objectivity of the EAP or person in performing such work.

“public participation process” in relation to the assessment of the environmental impact of any application for an environmental authorisation, means process by which potential interested and affected parties are given an opportunity to comment on, or raise issues relevant to the application, :

“registered interested and affected party”, in relation to an application, means an interested and affected party whose name is recorded in the register opened for that application in terms of Regulation 42.

“the Act” include the schedule and regulations and any notice issued under the Act.

“the Department” means the Department of Agriculture, Conservation, Environment and Rural Development

“the Regulations” means the Environmental Impact Assessment Regulations, 2014.

B. ENVIRONMENTAL AUTHORISATION

ENVIRONMENTAL AUTHORISATION ISSUED IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 (NEMA) AS AMENDED, THE NATIONAL ENVIRONMENTAL MANAGEMENT: WASTE ACT 2008(ACT NO 107 OF 2008), GOVERNMENT NOTICE NO R 332 OF 2 MAY (RE-PROCESSING OF GOLD TAILINGS AND ASSOCIATED EXPANSION OF THE KINROSS TSF IN PORTION 13 OF THE FARM RIETFONTEIN 420 IS, SITUATED IN THE MAGISTERIAL DISTRICT OF EVANDER: MPUMALANGA REGION

1. REFERENCE NUMBER: (MP) 30/5/1/3/3/2/1/ (126) EA

2. BRIEF DESCRIPTION OF THE ACTIVITIES

Evander Gold Mines Limited's proposed project entails the construction of facilities and infrastructures at Evander Gold Mines to re-process gold tailings, the three existing TSFs will be mined at Kinross TSF, Leslie TSF and Winkelhaak TSF. Infrastructures include the following: - new plant, pump station, water management facilities, etc.

3. LOCATION

Witkleifontein 131 IS, Leeupan 532 IS, Winkelhaak 135 IS, Leeuwspruit 134 IS, Zandfontein 131 IS, Grootspuit 130 IS, Langverwacht 282 IS, Rietkuil 531 531 IR and Springbokdraai 277 IS, situated within the magisterial district of Evander Mpumalanga region.

4. APPLICANT

Evander Gold Mines (Pty) Ltd
Private Bag 1012
EVANDER
2280

Attention: Wayne Allen

Tel. no. (017) 620 1602
Fax no. (017) 632 4046
Email: wallen@paf.co.za

5. ENVIRONMENTAL ASSESSMENT PRACTITIONER

Cabanga Environmental CC

Contact Person: Michelle Venter
Tel. no. (011) 794 7534
Fax no. (011) 794 6946
Email: jane@cabanqaenvironmental.co.za

6. SITE VISIT

A site inspection was on the 16th May 2017

7. DECISION

The Department is satisfied, on the basis of information available to it and subject to compliance with the conditions of this Integrated 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 and National Waste Act listed activities specified below

Listed in the EIA GNR .983 of 2014 as:-

Activity 9-The development of infrastructure exceeding 1000 metres in length for the bulk transportation of water or storm water-

- (i) with an internal diameter of 0,36 metres or more; or
 - (ii) with a peak throughput of 120 litres per second or more;
- excluding where-
- (a) such infrastructure is for bulk transportation of water or storm water or storm water drainage inside a road reserve; or
 - (b) where such development will occur within an urban area.

Activity 10 - The development and related operation of infrastructure exceeding 1000 metres in length for the bulk transportation of sewage, effluent, process water, waste water, return water, industrial discharge or slimes-

- (i) with an internal diameter of 0,36 metres or more; or
 - (ii) with a peak throughput of 120 litres per second or more;
- excluding where-
- (a) such infrastructure is for bulk transportation of sewage, effluent, process water, waste water, return water, industrial discharge or slimes inside a road reserve; or
 - (b) where such development will occur within an urban area.

Activity 12 - The development of- (xii) infrastructure or structures with a physical footprint of 100 square metres or more;

Activity 13- The development of facilities or infrastructure for the off-stream storage of water, including dams and reservoirs, with a combined capacity of 50000 cubic metres or more, unless such storage falls within the ambit of activity 16 in Listing Notice 2 of 2014.

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 but excluding where such infilling, depositing, dredging, excavation, removal or moving-
- (a) will occur behind a development setback;
 - (b) is for maintenance purposes undertaken in accordance with a maintenance management plan; or

(c) falls within the ambit of activity 21 in this Notice, in which case that activity applies.

Activity 30- Any process or activity identified in terms of section 53(1) of the National Environmental Management: Biodiversity Act, 2004 (Act No. 10 of 2004).

Activity 34- The expansion or changes to existing facilities for any process or activity where such expansion or changes will result in the need for a permit or licence or an amended permit or licence in terms of national or provincial legislation governing the release of emissions or pollution, excluding-

(i) where the facility, process or activity is included in the list of waste management activities published in terms of section 19 of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) in which case the National Environmental Management: Waste Act, 2008 applies; or

(ii) the expansion of or changes to existing facilities for the treatment of effluent, wastewater or sewage where the capacity will be increased by less than 15 000 cubic metres per day.

Listed in the EIA GNR .984 of 2014 as:-

Activity 4- The development of facilities or infrastructure, for the storage, or storage and handling of a dangerous good, where such storage occurs in containers with a combined capacity of more than 500 cubic metres.

Activity 15- The clearance of an area of 20 hectares or more of indigenous vegetation, excluding 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 16- The development 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 in the EIA GNR .985 of 2014 as:-

Activity 2-

Activity 14

Listed in the Waste Management Activities No. 921 of 2013 as:-

Activity A (13)- The expansion of waste management activity listed in Category A or B of this schedule which does not trigger an additional waste management activity in terms of this schedule.

Activity A (14)- The decommissioning of a facility for a waste management activity listed in Category A or B of this Schedule

Activity B(3)- Reuse, Recycling or Recovery of Waste

The recovery of wastes including refining, utilization, or co-processing of waste at a facility that processes in excess of 100 tons of general waste per day or in excess of 1 ton per of hazardous waste per day, excluding recovery that takes place as an integral part of internal manufacturing process within the very same premises.

Activity B(7)- Disposal of Waste on Land

The disposal of any quantity of hazardous waste to land.

Activity B(10)- Construction of Facility and Associated Structures and Infrastructures

The construction of a facility for a waste management listed in Category B of this Schedule (Not in isolation to associated waste management activity).

Activity B (11)- The establishment or reclamation of a residue stockpile or residue deposit resulting from activities which require a mining right, exploration right or production right in terms of the Mineral Petroleum Resources Development Act , 2002 (Act no.28 of 2002).

7.1 BACKGROUND

The applicant, Evander Gold Mines (Pty) Ltd applied for authorization to carry on the following activit(ies):

The construction of facilities and infrastructures at Evander Gold Mines to re-process gold tailings, the three existing TSFs will be mined at Kinross TSF, Leslie TSF and Winkelhaak TSF. Infrastructures include the following: - new plant, pump station, water management facilities, etc.

Evander Gold Mines Limited's (Hereinafter referred to as "the holder") was issued with a mining right in terms of Mineral and Petroleum Resources Development Act (MPRDA), 2002 (Act No 28 of 2002), and has an approved EMPr.

The company applied for a Section 102 in terms of the MPRDA, Act 28 of 2002. Subsequent to the lodgement of the application an application for Environmental Authorization was submitted on the 06th August 2016.

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 application form and the Scoping Environmental Impact Assessment report (EIAr) Environmental Management Programme report (EMPr) dated 06th October 2016.
- b) The objectives and requirements of relevant legislation (Section 2 of the National Environmental Management Act, 1998 (Act No. 107 of 1998), other environmental legislation, policies, guidelines and the EIA Regulations of 2014.
- c) Public Participation Process (PPP) was conducted as part of the EIAr and EMPr; The comments received from the organs of state and interested and affected parties as included in the EIAr .
- a) The information contained in the specialists studies of the EIAr and Mitigation measures as proposed in the EIAr.

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) Need and desirability:

According to the Environmental Impact Assessment report titled: Evander Gold Mines Limited: The project will contribute directly and indirectly to the country's GDP, as well as the provide employment to the local communities.

b) Public participation:

The public participation process involves the placement of newspaper advertisements in the The Echo & The Ridge and site notice boards to inform the public of the proposed activity as well as an opportunity for interested and affected parties to register on the database.

c) Air Quality Impact:

Air Quality Specialist Report ; compiled by Rayten Engineering concluded that air quality management measures be implemented to ensure the lowest possible impacts on the surrounding environment from proposed operations.

d) Heritage Impacts:

Heritage studies were conducted, and heritage resources have been identified site has been identified on site during impact assessment and sufficient mitigation measures were provided.

e) Wetland delineation report

Wetland delineation report compiled by Limosella indicates that a 67 metres from wetlands not directly impacted.

f) Surface water

Surface Water Specialist Report; compiled by Letsolo recommended that storm water management infrastructure is sufficient to contain water is in line with GN704 requirements and to monitor surface water quality to determine the impact of mining activities on surface water qualities.

g) Ground water

Ground water specialist report compiled by Shangoni recommended that the water quality and groundwater levels data should be collected on regular, ongoing basis.

j) Financial provision

Financial provision has been calculated to the amount of **R 76, 766. 146.28.** for the purpose of rehabilitation

FINDINGS

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

- a) The potential impacts on the proposed activities were clearly assessed, investigated and mitigation measures were 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:
 - i) Site notices were placed at the project area
 - ii) Newspaper advert was placed in the Ridge Times & The Echo on the 30th September 2016
 - iii) Proof of consultation with the landowners, interested and affected parties has been provided.
 - iv) No objections were raised during the meetings; issues raised during the public participation process were adequately addressed.
 - v) It is envisaged that, should the conditions stipulated in this Environmental Authorisation be complied with, the negative environmental impacts of these activities will be minimised.

In view of the above, the Department is satisfied that, subject to compliance with the conditions contained in the Environmental Authorisation, the authorised activity will not conflict with the general objectives of Integrated Environmental Management laid down in Chapter 5 of the National Environmental Management Act, 1998 (Act No. 107 of 1998), and that any potentially detrimental environmental impacts resulting from the authorised activities 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 activity 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** This activity must commence within a period of Five (5) years from the date of issue. If commencement of the activity 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.
- 8.1.4** If the proponent anticipates that commencement of the activity would not occur within Five (5) year period, he / she must apply and show good cause for an extension of the Environmental Authorisation three (3) months prior to its expiry date

- 8.1.5** 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.
- 8.1.6** 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, including the transfer of this authorization, the applicant must in writing notify the Regional manager of this Department, within **fourteen (14) days** of the above specified change.
- 8.1.7** A copy of this authorisation must be kept on site. The Authorisation must be produced to any 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 to undertake work at the property.
- 8.1.8** This authorisation does not negate the holder of the Authorisation's responsible to comply with any other statutory requirements that may be applicable to the undertaking of the activity.

8.2 SPECIFIC CONDITIONS

8.2.1 COMMISSIONING OF THE ACTIVITY

- 8.2.1.1** The activity may not commence without the necessary permits/licenses/approvals and/or service agreements, where it is relevant, from or with the relevant regulatory authorities whether national, provincial or local.
- 8.2.1.2** The applicant must apply the principle of best practicable environmental option for all technologies used/implemented during mining.
- 8.2.1.3 Pre-construction Phase**
- a) The applicant must appoint an independent Environmental Control Officer (ECO) who will monitor contractors, compliance with EMP and EA
 - b) The applicant must provide all contractors and sub-contractors with a copy of Environmental Management Plan and Environmental Authorisation prior to the mining activities.
 - c) All pre-construction phase mitigation measures as outlined in the Environmental Management Programme (EMP) attached in Environmental Impact Assessment report must be adhered to at all times.
 - d) In order to ensure safety, all employees must be given the necessary personnel protective equipment (PPE).

- e) 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.
- f) 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.
- g) 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.
- h) 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.

8.2.1.4 Access roads and traffic impact

- a) Necessary signage and traffic measures must be implemented for safe and convenient access to the site from adjacent roads.
- b) Access roads must be well maintained throughout the mining operation.

8.2.1.5 Air quality management

- a) Proper measures must be put in place to suppress dust in order to minimize nuisance conditions.
- b) A speed restriction of 40km/h must be enforced and monitored on site for all mining vehicles.

8.2.17 Proliferation of alien species

- a) All mining/construction equipment and vehicles must be cleaned before entering and leaving the site to reduce the chances of spreading weeds and invasive species.

8.2.18 Noise

- a) Mining/construction activity must be limited to normal working hours.
- b) Mining vehicles must be fitted with standard silencers prior to beginning of construction.

8.2.19 Erosion control measures

- a) All soil surfaces compacted as a result of mining/construction activities must be ripped, and imported materials must be removed.

- b) Any erosion channel developed during mining/construction period or during vegetation establishment must be restored to a proper condition.

8.2.20 Excavation activities

- a) Topsoil must be stripped and stockpiled prior to excavation in a designated area.
- b) Under no circumstances should material stockpiles be disposed of outside the boundary of the mining area.

8.2.21 Waste management

- a) General waste must be kept in containers which are wind and scavenger proof, and disposed of at a permitted landfill site. No temporary dumping and littering of waste is allowed on site.
- b) No waste must be disposed of through burying and burning.
- c) All hazardous waste must be disposed of at an official registered site, or be removed by registered hazardous waste contractors.
- d) An emergency preparedness plan to address any pollution incidents (e.i such as oil spillage etc) that occur on site must be developed.

8.2.22 Surface and groundwater contamination must be prevented and/or mitigated by implementation of the following conditions

- a) Specific area must be demarcated for fueling and workshop services. And such area must be bunded to reduce the possibility of soil and water contamination.
- b) Irrespective of the nature of a spillage (whether major or minor), all spillages must be cleaned up as soon as they occur.
- a) Spillage of petrochemical products must be avoided. In the case of accidental spillage, contaminated soil must be removed for bioremediation or disposed of at a facility for the substance concerned. Disturbed land must be rehabilitated and seeded with vegetation seed naturally occurring on site.
- b) Untreated sewage water must not be discharged directly into the natural environment.

8.2.21 Fire prevention and management

- a) Fire extinguishers that are in good working conditions must be made available at all times for their usage during the occurrence of accidental fires
- b) Workers must be adequately trained in the handling of firefighting equipment.
- c) Open fires must strictly be prohibited.
- d) Smoking must be prohibited in the vicinity of flammable substances.

- e) Cooking and heating fires must be permitted only in designated areas with appropriate safety measures.

8.2.22 Storm water management

- a) Storm water management plan must be developed, and implemented on site.

8.2.22 Safety

- a) Potentially hazardous area must be demarcated with danger tape.
- b) Appropriate signage must be placed to caution employees and contractors not to attempt to enter certain structures without being authorised.

8.2.23 Emergency Response Plan

- a) An Emergency Response Plan should be available for accidental spills and fire fighting during both construction and operation of the project.
- b) In the event of emergency, the holder must notify the department within 24hrs, and contact relevant emergency services in the area.
- c) All significant pollution incidents must be reported to this Department within **forty eight (48) hours** of occurrences

8.2.24 Compliance with other legislation

- a) The National Water Act, 1998 (Act 36 of 1998), with particular reference to the sections pertaining to mining in the proximity of dams and their catchments areas, rivers, marshes, streams, pans and other water courses.
- b) The Environmental Conservation Act, 1989 (Act 73 of 1989) with particular reference to the requirements of section 20 of the above-mentioned Act.
- c) The National Environmental Management Air Quality Act (Act 36 of 2004), with particular reference to the sections pertaining to the liberation of dust, and other emissions, created by prospecting activities, into the atmosphere.
- d) The Conservation of Agriculture Resources Act, 1983 (Act 43 of 1983), with particular references to the sections pertaining to soil conservation.
- e) The National Heritage Resources Act, 1989 (Act No 25 of 1999), with particular reference to the protection of all historical and pre-historical cultural remains.
- f) The Mine Health and Safety Act, 1996 (Act 29 of 1996) in conjunction with the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002), with particular reference to those sections and regulations pertaining to health and safety at mines; mining within 100 m from structures that must be protected; as well as those sections pertaining to rehabilitation of the surface.
- g) The National Environmental Management Act, 1998 (Act 107 of 1998), with particular reference to the principles in chapter 2 of the said Act.

- h) Firebreaks should be established in terms of the requirements and conditions of the National Veld and Forest Fires Act, 1998 (Act No. 101 of 1998).
- i) All provisions of the Occupational Health and Safety Act, 1993 (Act No.85 of 1993) and any other applicable legislation must be adhered to by the holder of this Authorisation.

8.2.25 Liability of the holder of this Authorisation

- a) The competent authority shall not be held responsible for any damages or losses suffered by the holder or his/her successor in title in any instance where mining/ construction or operation subsequent to construction are to be temporarily or permanently stopped for reasons of non-compliance by the holder with conditions of approval as set out in the document or any other subsequent document emanating from this Authorisation. The holder shall be responsible for all the costs necessary to comply with the above condition unless otherwise specified.
- b) Any complaint from the public during the life of mine must be attended to by the holder of this Authorisation as soon as possible to the satisfaction of parties concerned.
- c) The contractor must ensure that serviceable ablution facilities are available for employees. It is the responsibility of the holder of the Authorisation to see to it that this condition is adhered to.

8.2.26 MANAGEMENT OF THE ACTIVITY

- a) A copy of an Environmental Authorisation and EMP must always be available on site so as to monitor compliance with conditions outlined in both the documents. Both documents must be used as on-site reference document during the life of mine.
- b) The Environmental Management Plan (EMP) prepared by Cabanqa Environmentals CC (attached to the EIA Report) must be adhered to during the life of the mine.
- c) All duties and responsibilities as outlined in the EMP attached are binding throughout the life of the mine.
- d) Any proposed amendments to the EMP (as a result of this authorisation or otherwise) must be submitted in writing to this Department for approval prior to the amendment being implemented. On approval of the proposed amendment the EMP must be accordingly amended and adhered to.

8.2.27 Appointment of Environment Control Officer

- a) An Environmental Control Officer must be appointed, who will monitor and ensure compliance and correct implementation of all mitigation measures and provisions as stipulated in the Environmental Authorisation and Environmental Management Plan, prior to any commencement of mining activities on site.

- b) The Environment Control Officer appointed must monitor the construction of the infrastructure to ensure that the layout plans are in accordance to the designs and record important findings of the site inspection.
- c) The ECO must also monitor the implementation of specific elements of the Environmental Management Plan by contractors.
- d) All duties and responsibilities as outlined in the EMP attached are binding throughout the life of mine.

8.2.28 Site closure and Decommissioning

- a) 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.
- b) 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.
- c) All mitigation measures for the decommissioning phase, as outlined in the EA. 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 the operation.

8.2.29 MONITORING

- a) This Department reserves the right to monitor and audit the activity to ensure compliance with legislation and the conditions stipulated in this authorisation.
- b) It is the holder of this Authorisation's responsibility to ensure that an ongoing management and monitoring of the impacts of the activity on the environment throughout the life of the mine is put into practice.

8.2.20 RECORDING AND REPORTING TO THE DEPARTMENT

The authorization holder must submit annual an environmental audit report during the operation of the activity, unless otherwise requested by the department. The audit report must convey the following:

- a) The date in which the audit was carried out,
- b) The outcome of the audit, in relation to the conditions stipulated in the environmental authorization and the approved EMPr as well as the actions taken to mitigate environmental impacts on site
- c) Records of monitoring and /or auditing must be made available for inspection to this Department and any other relevant authority inspecting the development activities.

- d) 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.
- e) All records relating to the implementation of the Environmental Management Plan must be kept in the office where it is safe and can be retrievable.

8.2.21 NON-COMPLIANCE

- a) In the event of non-compliance by any contractor during the mining/construction the authorised activity, the holder of this Authorisation will be liable.
- b) The holder shall be responsible for all costs necessary to comply with the above conditions unless otherwise specified.
- c) The holder must in the event of non-compliance with any condition of this Authorisation inform the Regional Manager of Mpumalanga region of this Department, in writing, within **forty eight (48) hours**.
- d) 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.
- e) Non compliance to this authorisation is an offence as provided for in terms of the National Environmental Management Act, 1998, Section 49(a) and Regulation 48. Any conviction of such offence may result in Section 49(a) being enforced.

8.2.22 APPEAL OF AUTHORISATION

The holder of the authorisation must notify every **registered** interested and affected party, in writing and within fourteen **(14) days**, of receiving the Department's decision.

The notification referred to in 9.1 must –

- a) Specify the date on which the Authorisation was issued.
- b) Inform the registered interested and affected parties of the appeal procedure provided for in Chapter 2 of the National Appeal Regulations of 2014.
- c) Advise the interested and affected parties that a copy of the Authorisation and reasons for the decision will be furnished on request.
- d) An appeal against the decision must be lodged in terms of Chapter 2 of the National Appeal Regulations of 2014.

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ISSUED BY:



REGIONAL MANAGER:

MINERAL REGULATION

MPUMALANGA REGIONAL OFFICE

DATE: 26/7/2017

Acknowledgement of Receipt by: Mr./Ms. M.S. Ndlovu

On behalf of the company Pan African Resources – Evander Gold/mine

On this 31 day of July 2017, at Witbank



Signature: