



mineral resources & energy

Department:
Minerals Resources and Energy
REPUBLIC OF SOUTH AFRICA

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From: Mineral Regulation: Gauteng Office Enquiries: Mr. WN Chavalala

ENVIRONMENTAL AUTHORISATION

Reference number: (GP) 30/5/1/2/2(10115) MR

Last amended: First Issue

Holder of authorisation: Cradle Vision (Pty) Ltd

Location of activity: Portion of portion 153 of the Farm Hekpoort 504 JQ, in the Magisterial District of Krugersdorp.

DECISION



ACRONYMS

DEPARTMENT : Department of Mineral Resources and Energy

EA : Environmental Authorisation.

EAP : Environmental Assessment Practitioner

ECO : Environmental Control Officer

EIA : Environmental Impact Assessment.

EIA REGULATIONS : Environmental Impacts Assessment Regulations, 2014.

EIAR : Environmental Impact Assessment Report

EMPr : Environmental Management Programme

I&APs	: Interested and Affected Parties
MCLM	: Mogale City Local Municipality
MPRDA	: Mineral and Petroleum Resources Development Act, 2002 (Act 28 of 2002) as amended
NEMA	: National Environmental Management Act, 1998 (Act 107 of 1998) as amended.
NEMWA	: National Environmental Management Waste Act, 2008 (Act 59 of 2008) as amended
PIOM	: Principal Inspector of Mines
PPP	: Public Participation Process
SR	: Scoping Report

The Department is satisfied, based on information available to it and subject to compliance with the conditions of this EA, that the applicant is hereby authorised to undertake the listed activity specified below. Details regarding the basis on which the Department reached this decision are set out in Annexure “1” of this EA.

ACTIVITY APPLIED FOR

By virtue of the powers conferred on it by NEMA and NEMWA, the Department hereby grants an environmental authorisation lodged by **Cradle Vision (Pty) Ltd** with the following contact details –

Mr. Renier Snyman

Cradle Vision (Pty) Ltd

PO Box 129

HEKPOORT

1790

Cell no: 0722312295

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to undertake the following activity listed in the 2014 EIA Regulations.



Listed Activity	Description of Activity	Aerial extent of the activity
Listing notice GNR 984 (Full Scoping and EIA) (NEMA)		
Activity 17	<p>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—</p> <p>a) associated infrastructure, structures and earthworks, directly related to the extraction of a mineral resource; or</p> <p>b) the primary processing of a mineral resource including winning, extraction, classifying, concentrating, crushing, screening or washing;</p>	38.5462 ha
Activity 15	Vegetation clearance	38.5462 ha

The above-mentioned listed activity will be carried out as described in the Environmental Impact Assessment Report (EIAR) received on **29 January 2024** at the following coordinates:

Mining Area	Latitude	Longitude
A	25 54' 32,48" S	27 37' 16,00" E
B	25 54' 41,83" S	27 37' 28,12" E
C	25 54' 06,53" S	27 37' 48,61" E
D	25 54' 03,37" S	27 37' 40,06" E
E	25 54' 10,41" S	27 37' 31,13" E
F	25 54' 16,60" S	27 37' 41,05" E
G	25 54' 23,72" S	27 37' 31,80" E
H	25 54' 23,51" S	27 37' 28,50" E



Detailed specifications of the activity are as follows:

Proposed details of the activities are as follows:
<p>Main activities pertaining to this Environmental Authorisation are:</p> <p>The mining method to be employed is opencast (free digging) for silica sand (general) mineral which will be carried out using conventional bulldozers, scrapers, and loaders. The area to be covered by the mining operation will approximately 38.5489 ha and would be undertaken for the duration of the 28-year mining right period. The company has an existing mining operation which is operated with the mining permit reference number (GP 30/5/1/3/2 (10235) MP with existing infrastructure. The EA holder will utilise the same infrastructure to conduct mining activities in relation to this EA. The area applied for does not overlap the mining permit area.</p> <p>Access to the mining area will be through existing roads.</p> <p>The activity to be conducted are as follows:</p> <ul style="list-style-type: none"> • Vegetation clearing.

- Topsoil removal, and stockpiling.
- Excavation, loading and hauling of material to the processing plant.
- Processing (Washing and screening).
- Dispatching of material to customers.
- Rehabilitation. Concurrent rehabilitation will be conducted as far as possible at areas where the extraction is complete and where the economic resources are no longer available.

Decommissioning.

The decommissioning phase will involve the following:

- Removal of infrastructure that can be used elsewhere.
- Dismantling of processing plant and related structures.
- Removal of the mobile containers.
- The general clean-up of all the redundant infrastructure.

The mining operation will utilize the following infrastructure on site:

- Access roads.
- Mobile Site offices.
- Mining equipment such as TLB and haul trucks.
- Washing plant.
- Storage facilities for oils and other hazardous materials.
- Settling Ponds.
- Diesel storage.
- Two corrugated water tanks.



The granting of this EA is subject to the conditions set out below (site specific) and in Annexure 2 (Departmental standard conditions) which must be adhered to throughout the life cycle of the operation. The EMPr attached to the EIAR as part of the application for an EA is hereby approved and must also be adhered to.



SITE SPECIFIC CONDITIONS

1. Comply with the conditions of the Water Use License issued by the Department of Water and Sanitation in relation to all activities that are authorised therein.
2. No activities must commence on properties zoned for agriculture or any purpose other than mining unless a rezoning authorization is granted by the relevant competent authority.
3. The clean and dirty water systems must be separated, to prevent contaminated run-off from entering the surface water, groundwater and soil.
4. Public access to the site must be restricted.
5. Suitable signage's to warn the public about hazards and mining activities must be erected on site.
6. The proposed development must comply with the requirements of the Occupational Health and Safety Act, 1993 (Act No. 83 of 1993), National Nuclear Regulator Act, 1999 (Act No. 47 of 1999) and any other applicable legislation.
7. Disturbance to any wetlands must be minimized during construction activities.
8. Rehabilitation of all affected areas must take place either concurrently or immediately after construction activities.
9. Any post-development re-vegetation or landscaping exercise must use species indigenous to the surrounding area.
10. Topsoil stockpiles must be vegetated with plants that are indigenous to the surrounding area.
11. Areas with archaeological importance must be fenced off and appropriate signage must be placed.
12. Should any historical, cultural, paleontological resources and graves be found in the sites, all construction activities must be suspended, and South African Heritage Resources Agency (SAHRA) must be contacted immediately. The discoveries must be cordoned off.

13. Should any heritage buildings be required to be demolished, an authorisation for demolition of such structures must be obtained from the Provincial Heritage Authority.
14. Adequate servitudes must be put in place for ease of maintenance and to deal effectively with emergencies during operational phase of the project.
15. An alien plant management programme or strategy to control the presence and spread of alien plants which includes must be instituted. Such a strategy must entail the identification of areas where such infestation occurs and the extent.
16. An integrated waste management approach must be implemented that is based on waste minimisation and must incorporate reduction, recycling, re-use and disposal.
17. Any solid waste shall be disposed of at a landfill licensed in terms of section 20 (b) of the National Environment Management Waste Act, 2008 (Act 59 of 2008).
18. No exotic plants may be used for rehabilitation purposes. Only indigenous plants of the area must be utilised.

ANNEXURE 1: REASONS FOR THE DECISION



1. Background

Cradle Vision (Pty) Ltd applied for an EA to undertake activities listed in the EIA Regulations, 2014 as indicated on pages 3 to 5 of this EA.

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 **07 February 2023**.
- b) A screening report dated **12 October 2023**, submitted with the application for environmental authorisation.
- c) The information contained in the amended SR received by the Department on **31 July 2023**.
- d) The information contained in the EIAR received by the Department on **29 January 2024**.

- e) An addendum to the EIAR received on **08 July 2024**.
- f) The objectives and requirements of the applicable and relevant legislation, policies and guidelines and the EIA Regulations.
- g) Comments received from the MCLM dated **12 January 2024** and **09 January 2024**, respectively.
- h) Comments received from the PIOM.
- i) A water use licence issued on **03 August 2020** for the mining operation.
- j) Public Participation Process (PPP) attached in the EIAR and the Comments and Response Report.
- k) All specialists Reports attached in support of this application and submitted on **29 January 2024**.
- l) The requirements of regulation 10 the Financial Regulation, 2015 for providing financial provision for rehabilitation of the environment to be disturbed by prospecting operation.

3. Key factors considered in making the decision

All information presented to the Department was considered in the processing of this application. A summary of the issues which, in the Department's view, were of the most significance is set out below:

- a) A sufficient PPP was undertaken, and the applicant has satisfied the minimum requirements as prescribed in the EIA Regulations.
- b) The environmental impacts associated with the proposed activity will be addressed by the implementation of proposed mitigation measures outlined in the EIAR dated **29 January 2024**.
- c) Compliance with the requirements of regulation 10 the Financial Regulation, 2015 by providing financial provision for rehabilitation of the environment to be disturbed by mining operation.
- d) The PIOM and the MCLM do not object to the proposed mining operation. A report by the Principal Inspector of Mines confirms the applicant's ability to comply with the relevant provisions of the Mine Health and Safety Act, 1996 (Act No 29 of 1996) and to prospect safely according to the Regulation and legal directives.



- e) The water use licence granted by the Department of Water and Sanitation authorising the EA holder to abstract water from a borehole, use for washing of sand and disposal on settling pond. These activities are linked to the mining operation.



4. Findings

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

- a) The potential impacts on the site were clearly investigated and mitigation measures were outlined.
- b) The holder has an existing mining permit operation adjacent to the mining right area and the existing infrastructure will be utilised for the mining operation.
- c) Public Participation Process complied with Chapter 6 of the EIA Regulations. The PPP included, *inter-alia*, the following:
- Affected parties who were not reached via mail, fax or e-mail were visited for delivery of the letters. The letters attached a sheet which allowed I&APs to register and/ or /comment.
 - An A3 sized site notices were fixed at a place conspicuous to and accessible by the public at the boundary of the site where the activity to which the application relates and any alternative site.
 - The newspaper advert was published through The Citizen Newspaper on **08 March 2023**.
 - After the 30 days' period, all comments and representations received from I&APs have been considered and have been recorded in the Comments and Response Report.
 - consultation meetings were held for the draft scoping report, the first on **11 July 2023** with stakeholders from Mogale City Municipality and the second on **25 July 2023, 07 December 2023** with the community.
 - A notification letter informing the registered I&APs of the public comment period for the draft EIA was distributed to the I&APs via email and SMS.
 - The draft EIA/EMPr report was made available via the Vahlengwe Mining Advisory and Consulting website (www.vahlengweadvisory.co.za).

- During the draft EIA/EMPr, the following was undertaken, to provide opportunities for stakeholders to identify issues of concern and provide input on the application process:
- All landowners directly affected by the proposed project were identified and encouraged to participate in the EIA process through hand delivery information [BID, Advert].
- Distribution of the draft EIA/EMP Report which also served as a Background Information Document and Comment Sheet to all registered and identified I&APs.
- Placement of statutory advertisements in The Citizen on **22 November 2023**.
- Erection of On-Site Notice Boards at various locations within the study area.
- The draft EIA/EMPr Report was made available for public review and comment for a period of 30 days from **22 November 2023** to **13 January 2024**.
- A stakeholder engagement meeting was held for the draft EIA/EMPr with the MCLM on the **07 December 2023**.

ANNEXURE 2: DEPARTMENTAL STANDARD CONDITIONS

1. SCOPE OF AUTHORISATION

- 1.1. The holder of the 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 it deems 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 indicated in the EA and/ or on the approved EMPr.



1.4. In cases where any contact details of the holder of the EA change including the name of the responsible person, physical/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.

1.6. The holder of the 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 the EA must in writing, within 14 (fourteen) calendar days of the date of this decision and in accordance with Regulation 4(2) of the EIA Regulations.

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 this Annexure 2 (Departmental Standard Conditions).

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 the:

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

- 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(s) 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 to 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 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.
- 3.8 If any soil contamination is noted at any phase of the development, the contaminated soil must be removed to a licensed waste disposal facility and the site must be rehabilitated. 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.

3.9 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 development. It is the responsibility of the holder of EA 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.

3.10 Construction vehicles must be serviced and maintained in the manner whereby no excessive smokes are released, noise production is reduced to acceptable levels, and oil leaks are prevented. Contaminated soil must be remediated on site or removed to an authorised landfill site.

3.11 Residents (if any) on the property and surrounding areas must be informed if any unusually noisy activities are planned.

3.12 Dust suppression measures must be implemented on all exposed surface to minimize and control airborne dust.

3.13 Mixing of cement, concrete, paints, solvent, sealants and adhesive, if done on site, 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. These areas must be 100 metres away from any watercourse and 500m from a wetland.

3.14 Care must be taken to ensure that the material and excavated soil required for backfilling are free of contamination from hydrocarbons.

3.15 Hydraulic fluids 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 must be cleared up by removing the spillage together with the polluted solids and dispose it in an authorised disposal site permitted for such waste.

3.16 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.

3.17 This EA does not purport to absolve the holder of the EA from its common law obligations towards the owner of the surface of land affected.

3.18 The holder of the EA must ensure that rehabilitation of the disturbed areas caused by the development at all times comply with the approved EMPr.

3.19 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.

3.20 The holder of the 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.

3.21 Should you be notified by the Minister of a suspension of the authorisation pending appeal procedure, you may not commence or continue with the listed activities until such time that the Minister, in writing, allows you to commence or continue with such activity.

3.22 The Department reserves the right to audit and/or inspect the activity without prior notification at any reasonable time and at such frequency as may be determined by the Regional Manager.

3.23 The storage of hydrocarbons must have bund walls with adequate capacity to contain the maximum volume that is stored in the area. Uncontaminated storm water must be prevented from coming into contact with the waste and must be diverted away from the storage site.

3.24 Subject to the commencement and duration requirements of the MPRDA and NEMA, the authorisation of the listed activities is valid for the period for which the aforesaid right is issued provided that the proposed development must commence within 10 years. If the commencement of the proposed activities does not occur within the specified period, the EA lapses and a new application for EA in terms of the NEMA and the EIA Regulations should be made for the activity to be undertaken.



3.25 The listed activities, including site preparation, must not commence within 20 (twenty) calendar days of the date of the notification of the decision being sent to the registered I&APs. In the event that an appeal is lodged with the appeal administrator, the effect of this environmental authorisation is suspended until such time that the appeal is finalised.

3.26 Should there be any conflicting conditions between this EA and other approvals granted by other authorities, it is upon the holder of the EA to bring it to the attention of this Department for resolution.

4. MANAGEMENT OF ACTIVITY

4.1 A copy of the EA and EMPr must be kept at the property or on site offices where the activities will be undertaken. The EA and EMPr must be produced to any authorised officials of the Department who request to see such documents and must be made available for inspection by any employee or agent of the holder of the EA who works or undertakes work on site.

4.2 The content of the EMPr and its objectives must be made known to all contractors, subcontractors, agent and any other people working on the site.

4.3 A buffer zone of 100 metres where there are cemeteries or burial grounds must be clearly demarcated and maintained.

4.4 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 a waste management facility licenced to handle such wastes and all recyclable waste are collected by licenced waste management recyclers 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 the NEMA.



4.10 Should it be discovered or come to the attention of the Department that the EA has been obtained through fraud, non-disclosure of information or misrepresentation of a material fact, the Department will suspend the EA in terms of the provisions of regulation 38(1) of the EIA Regulations.

4.11 This EA only authorises the listed activities specified in Annexure 1 and a new authorisation must be applied for in respect of any new listed activities not specified as part of Annexure 1.

4.12 The holder of the EA must ensure that the names and contact details of an ECO is made available to the Regional Manager within 30 days of commencement. The holder of the EA must also ensure that the ECO is always available on site to ensure that the development complies with the issued EA and approved EMPr at all times.

4.13 The ECO must:

4.13.1 Keep and maintain a detailed incidents register (including any spillages of fuels, chemicals or any other material).

4.13.2 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.

4.13.3 Keep records relating to monitoring and auditing on site and avail them for inspection to any relevant authorised officials.

4.13.4 Keep copies of all environmental reports submitted to the Department.

4.13.5 Keep the records of all permits, licences and authorisations required by the operation.

4.13.6 Compile a monthly monitoring report and make it available to the Department if requested.

4.14 The duties and responsibilities of the ECO does not exempt the holder of the EA from the legal obligations in terms of the NEMA and NEMWA



- 4.15** The footprint of the development 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 minimize 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 submit and Environmental Audit Report to this Department biennially and such report must be done by qualified Environmental Assessment Practitioner and the audit report must specify the following:

- 5.1.1** Identify and assess any new impacts and risks as a result of undertaking the activity, if applicable;
- 5.1.2** Identify shortcomings in the EMP, if any;
- 5.1.3** Identify the need, if any, for any changes to the management, avoidance and mitigation measures provided for in the EMPr;
- 5.1.4** If applicable, specify that the corrective action/s taken for the previous audit’s non-conformities, were adequate;
- 5.1.5** Specify the name of the auditor and
- 5.1.6** 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) of the EIA Regulations be identified, the holder must submit recommendation to amend the EMPr in order to rectify any shortcomings identified with the aforementioned audit report.
- 5.3 Any complaint received from the I&APs during all phases of the operation must be attended to as soon as possible and addressed to the satisfaction of all concerned 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 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 Correct the impact resulting from the incident;
- 5.6.2 Prevent the incident from causing any further impact; and
- 5.6.3 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, this Department 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 to the site to 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 the 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. DECOMMISSIONING

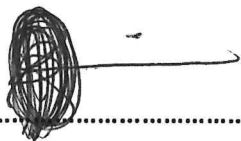
9.1 Decommissioning of individual activities must comply with the EIA Regulations.

10. SITE CLOSURE

- 10.1** The holder of EA must apply for a closure certificate in terms of Section 43 of the MPRDA 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 MPRDA.
- 10.3** The holder of the EA remains responsible for any environmental liability, pollution or ecological degradation, the pumping and treatment of extraneous water, compliance with the conditions of the EA and the management and sustainable closure thereof until the Minister has issued a Closure Certificate in terms of Section 43 of the MPRDA. Where necessary, the Minister may retain certain portion of financial provision for residual, health or environmental impacts that might be known in future.
- 10.4** No exotic plants may be used for rehabilitation purposes only indigenous plants can be utilized for rehabilitation purposes.

In view of the above, the Department is satisfied that, subject to compliance with the conditions contained in the EA, the proposed activities 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 activities can be mitigated to acceptable levels. The authorisation is accordingly granted.

Kind Regards



MR S VEZI

REGIONAL MANAGER

MINERAL AND PETROLEUM REGULATION

GAUTENG REGION

DATE: 22/10/2024

