



mineral resources & energy

DMRE 11

Department:
Mineral Resources and Energy
REPUBLIC OF SOUTH AFRICA

Private Bag X33, Welkom, 9460, Tel: 057 391 1356, Fax: 057 357 6003
The Strip Building, 314 Stateway Street, Welkom, 9459

GRANTED ENVIRONMENTAL AUTHORISATION

Reference number: FS30/5/1/1/2/10567PR

Last amended: First issue

Holder of authorisation: Engedi Empowerment Holdings (Pty) Ltd

Location of activity: Farm Beryl 1580 in the Magisterial District of Boshof

DECISION

ACRONYMS

BAR: Basic Assessment Report

DEPARTMENT: Department of Mineral Resources

ECO: Environmental Control Officer

EA: Environmental Authorisation

EIA: Environmental Impact Assessment

EIA REGULATIONS: EIA Regulations, 2014

EMPr: Environmental Management Programme

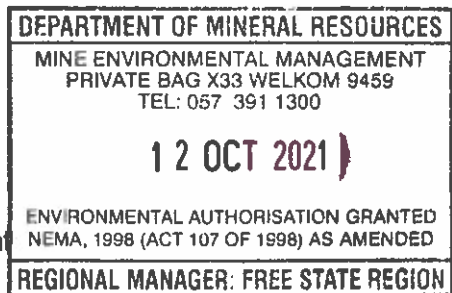
I&AP: Interested and Affected Parties

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

SAHRA: South African Heritage Resources Agency



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

ACTIVITY APPLIED FOR

By virtue of the powers conferred on it by NEMA, the Department of Mineral Resources and Energy hereby **Grants** an Environmental Authorisation (EA) to **Engedi Empowerment Holdings (Pty) Ltd** with the following contact details –

Engedi Empowerment Holdings (Pty) Ltd
P.O. Box 29567
Danhof
Bloemfontein
9310

Attention : Mr T. Mulaudzi
Tel : 051 430 1748
Fax : 086 556 2568
Email : mulaudzit@engedime.com



to undertake the following activities listed in the NEMA EIA Regulations as amended.

LISTED ACTIVITIES AUTHORISED:

Listed Activities	Activity and/or project description
<p>Activity 20 of Government notice No. R 983 as amended Any activity including the operation of that activity which requires a prospecting right in terms of section 16 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 prospecting 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> <p>but excluding the secondary processing of a mineral resource, including the smelting, beneficiation, reduction, refining, calcining or gasification of the mineral resource in which case activity 6 in Listing Notice 2 applies.</p>	<p>Prospecting activities will involve the drilling of two (2) prospecting boreholes as outlined in the project description of the BAR and EMPr. There is an existing borehole in the saltpan, and it will also be used during prospecting works. The brine water will be pumped out and stored in the water bottles. The bottles will then be taken to the laboratory to test for salt and lithium grade on the samples.</p>

Detailed description of the activity are as follows:

The holder is hereby authorised to undertake Prospecting activities in relation to the above listed activities as follows:

- Drilling of two (2) prospecting boreholes as outlined in the project description of the BAR and EMPr.
- Extraction of water samples from the two (2) drilled boreholes as well as from the existing borehole in the salt pan for laboratory analysis.

- Laboratory analysis to test for salt and lithium grade on the samples as outlined in the project description of the BAR and EMPr.
- The prospecting activities will take place within the existing salt pan.

Site description and location:

The prospecting activities (drilling) will be conducted on Farm Beryl 1580 in the Magisterial District of Boshof.

The SG code for each farm portions is:

The SG code for the farm is: F00400000000158000000.

The granting of this EA is subject to the conditions set out below (site specific) and in **Annexure 2** (departmental standard conditions). The Environmental Management Programme (EMPr) attached as part of the reports for the above development submitted as part of the application for an EA complies with section 24N of NEMA as amended, Appendix 4 of the EIA Regulations, 2014 as amended and is hereby approved and must be adhered to throughout the life cycle of the operation.

EA SITE SPECIFIC CONDITIONS

1. Prospecting activities must be conducted in accordance with the approved Environmental Management Programme, and it must be strictly within the approved prospecting area.
2. Drilling of prospecting boreholes must be done as specified in the project description of the BAR and EMPr. All sensitive areas and critical Biodiversity within the prospecting area must be regarded as a no-go area.
3. Prospecting activities must only take place within the salt pan and all other areas must be treated as a no-go area.
4. The two (2) prospecting boreholes must be capped after prospecting works, and should the landowner want to use the boreholes for other purposes this Department must be notified in writing regarding that arrangement.
5. Access to the site must be through the existing farm roads network. The widening of existing and construction of new access road is prohibited.
6. Alien vegetation must be cleared regularly within the prospecting grid during and after prospecting.
7. The holder of the EA must control dust from the prospecting area and access roads to ensure that it does not cause nuisance or health hazards to the adjacent community including the farm owner.



ANNEXURE 1: REASONS FOR THE DECISION

1. Background

Engedi Empowerment Holdings (Pty) Ltd applied for EA Regulations as indicated on the table below:

Listed Activities	Activity and/or project description
<p>Activity 20 of Government notice No. R 983 as amended Any activity including the operation of that activity which requires a prospecting right in terms of section 16 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 prospecting 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> <p>but excluding the secondary processing of a mineral resource, including the smelting, beneficiation, reduction, refining, calcining or gasification of the mineral resource in which case activity 6 in Listing Notice 2 applies.</p>	<p>Prospecting activities will involve the drilling of two (2) prospecting boreholes as outlined in the project description of the BAR and EMPr. There is an existing borehole in the saltpan, and it will also be used during prospecting works. The brine water will be pumped out and stored in the water bottles. The bottles will then be taken to the laboratory to test for salt and lithium grade on the samples.</p>

Engedi Empowerment Holdings (Pty) Ltd appointed Muneiwa Rakhalaru of Mundy Holdings (Pty) Ltd to undertake the Environmental Impact Assessment process as required by the 2014 EIA Regulations as amended. Basic assessment process as contemplated on Regulation 19 of the 2014 EIA Regulations as amended was followed.

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 EA application form received by the Department on 14 February 2020.
- b) The information contained in the BAR received by the department on 30 June 2021.
- c) The objectives and requirements of the applicable and relevant legislation, policies and guidelines and the EIA Regulations of 2014 as amended.
- d) Public Participation Process (PPP) report enclosed in the BAR received by the department on 30 June 2021.
- e) Consent letter from the landowner in support of the proposed prospecting activities in the farm.
- f) The Environmental Management Programme in the BAR received by the department on 30 June 2021.

- g) The findings of site inspection conducted officials of this department in the presence of the applicant on 10 June 2021.

3. Key factors considered in making the decision

All the information presented to the department was taken into account during 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.

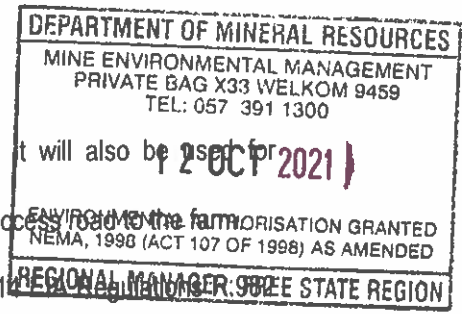
- a) Public Participation Process (PPP) was undertaken, and the applicant has satisfied the minimum requirements as prescribed in the EIA Regulations R982 of 2014 as amended for public involvement.
- b) The results of public participation process undertaken for the proposed prospecting project.
- c) The environmental impacts associated with the proposed activity will be addressed through the implementation of the mitigation measures outlined in the BAR and EMPr compiled by Muneiswa Rakhalaru of Mundy Holdings (Pty) Ltd.
- d) The proposed prospecting activities will not have significant impact on the surrounding sensitive ecosystems.
- e) Comments received from the principal inspector of mines in support of the prospecting activities.
- f) The applicant complied with Section 24P of the National Environmental Management Act, 1998 (Act 107 of 1998) and the financial provisioning Regulations, 2015 by providing the financial provision for the management of environmental impacts.

4. Findings

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

- a) The potential impacts on the proposed site were clearly investigated and mitigation measures were outlined.
- b) Potential impacts from the prospecting activities will be managed through the implementation of mitigation measures proposed in the EMPr and the EA's conditions.
- c) The proposed prospecting will not result in any pollution or ecological degradation and will not have significant impact on the surrounding sensitive ecosystems.
- d) The findings of site inspection conducted by officials of this department in the presence of the applicant's representative on 10 September 2021 were as follows:
- The proposed prospecting area is situated in an agricultural area used for crops and livestock farming.
 - The proposed prospecting activities will not adversely impact the existing land use.
 - The prospecting activities will be conducted in the saltpan situated in the farm.





- An existing borehole was spotted during inspection, and it will also be used for sample extraction.
 - The prospecting area will be accessed through an existing access road to the farm.
- e) Public Participation Process complied with Chapter 6 of the 2014 Regulations as amended. The PPP included, *inter-alia*, the following:
- A newspaper advertisement was placed in the locally and nationally distributed newspaper "Free State Sun" on 28 August 2020.
 - Notices were placed at the project site for the period of 30 days and the proof is included in the BAR and EMPr.
 - Notices were sent to all key stakeholders and the registered interested and affected parties via email. Proof of such notification is enclosed in the BAR and EMPr.

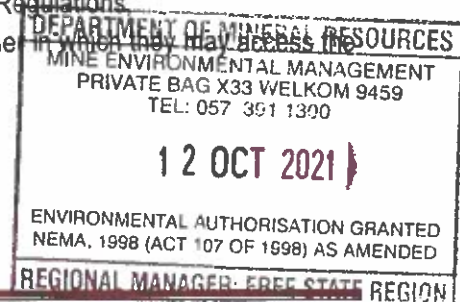
ANNEXURE 2: DEPARTMENTAL STANDARD CONDITIONS

1 SCOPE OF AUTHORISATION

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

2 APPEAL OF AUTHORISATION

- 2.1 The holder of the EA must in writing, within 14 (fourteen) calendar days from the date of this decision and in accordance with EIA Regulation 4(2) do the following:
 - 2.2 Notify all registered I&APs of –
 - 2.2.1 The outcome of the application;
 - 2.2.2 The date of issue of the decision and;
 - 2.2.3 The reasons for the decision as included in Annexure 1 and departmental standard conditions in Annexure 2.
 - 2.3 Draw the attention of all registered I&APs to the fact that an appeal may be lodged against the decision in terms of the National Appeals Regulations
 - 2.4 Draw the attention of all registered I&APs to the manner in which they may access the decision.
 - 2.5 Provide the registered I&APs with:
 - 2.5.1 Name of the holder (entity) of this EA;
 - 2.5.2 Name of the responsible person for this EA;



- 2.5.3 Postal address of the holder;
- 2.5.4 Telephonic and fax details of the holder and
- 2.5.5 E-mail address of the holder if any.

3 COMMENCEMENT OF THE ACTIVITY (IES)

- 3.1 In order to ensure safety, all employees must be given the necessary personnel protective equipment (PPE) and any employee without PPE must not be allowed on site.
- 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 prospecting vehicles and prospecting machinery must be clearly marked and appropriate signaling must be posted to that effect. Furthermore, movement of prospecting vehicles and machinery must be restricted to the approved prospecting areas in compliance with **condition 5** of the EA site specific conditions.
- 3.4 Appropriate notification sign must be erected at the prospecting site, warning the public (residents, visitors etc.) about the hazard around the prospecting site and presence of prospecting vehicles and machinery.
- 3.5 Vegetation clearance must be limited to the actual prospecting footprint and mitigation measures must be implemented to reduce the risk of erosion and alien species invasion.
- 3.6 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 designed for such waste and the site must be rehabilitated to the satisfaction of the department and Department of Water and Sanitation. The opportunity for the onsite remediation and re-use of contaminated soil must be investigated prior to the disposal and this department must be informed in this regard.
- 3.7 An integrated waste management approach that is based on waste minimization (waste management hierarchy) must be implemented and must incorporate avoidance, reduction, recycling, treat, reuse and disposal where appropriate. The holder of the EA must ensure that no refuse generated on the prospecting area is placed, buried, dumped or deposited on the adjacent properties or public places and open space.
- 3.8 Uncontaminated storm water must be prevented from coming into contact with the waste and must be diverted away from the storage site and prospecting area.
- 3.9 The waste generated during prospecting activities must be stored in animal proof containers and must be removed from site and disposed of at a registered disposal facility. Proof of disposal at a registered disposal facility must be kept and produced to any official of this department on request.
- 3.10 In terms of sections 28 and 30 of NEMA, any costs incurred to remedy environmental damage must be borne by the person responsible for the damage. It is therefore imperative that the holder of the EA reads through and understand the legislative requirements pertaining to the project. It is the holder of EA responsibility to take reasonable measures which include informing and educating contractors and employees





about environmental risks of their work and training them to operate in an environmentally acceptable manner.

- 3.11 Prospecting vehicles and machineries must be serviced whereby excessive smokes, leakages and noise production is reduced to acceptable levels, and to prevent oil leaks. Servicing of machinery and vehicles must not take place on site.
- 3.12 Residents (if any) on the property and surrounding areas must be informed of any unusual noise activities in the prospecting area.
- 3.13 Dust suppression measures must be implemented on all exposed surface and access road to minimize and control airborne dust.
- 3.14 Should any heritage remains be exposed during operation or any actions on the site, these must immediately be reported to the South African Heritage Resource Agency (SAHRA) in accordance with the applicable legislation. Heritage remains uncovered or disturbed during earthworks must not be further disturbed until the necessary approval has been obtained from the South African Heritage Resource Agency (SAHRA).
- 3.15 Care must be taken to ensure that material and topsoil required for rehabilitation is free of contamination from hydrocarbons.
- 3.16 Refueling of machinery and construction vehicles must be done through a mobile bowser. Drip trays must be placed beneath the bowser during refueling of machinery to prevent spillages onto the soil. Should any spills occur, it must be cleaned immediately by removing spillage together with the polluted soil and dispose it at authorised disposal site permitted for the disposal of such waste. The regional office of the Department of Water and Sanitation must be notified within 24 hours of an incident that may pollute surface and ground water resources.
- 3.17 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 wastewater treatment works. Proof of disposal must be kept on site and be produced upon request.
- 3.18 The holder of EA must ensure that any water use listed in terms of Section 21 of National Water Act must get authorisation from Department of Water and Sanitation prior to the commencement of such activity (ies).
- 3.19 This EA does not purport to absolve the holder of EA from its common law obligations towards the owner of the surface land affected.
- 3.20 The holder of EA must ensure that rehabilitation of the disturbed areas caused by operation at all times comply with the approved EMP.
- 3.21 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.

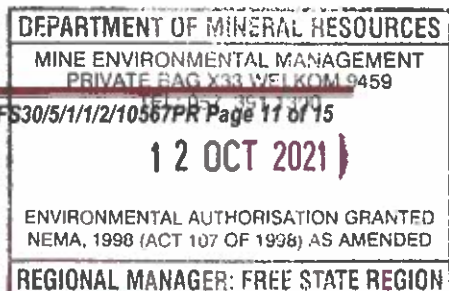
- 3.22 The holder of EA must note that in terms of Section 20 of the National Environmental Management: Waste Act, 2008 (Act No.59 of 2008), no person may commence, undertake or conduct a waste management activity, except in accordance, with the requirements of norms and standards determined in terms of Section 19 (3) for that activity or a waste management license is issued in respect of that activity if license is required. The prospecting activities must comply with the National Environmental Management: Waste Act, 2008 (Act No.59 of 2008) provisions at all times.
- 3.23 An appeal under Section 43 (7) of the National Environmental Management Act (NEMA), Act 107 of 1998 (as amended) suspend an EA or exemption or any provisions of conditions attached hereto, or any directive unless the Minister directs otherwise.
- 3.24 Should you be notified by the Minister of a suspension of the authorisation pending appeal procedure, you may not commence with the activity (ies) until such time that the Minister allows you to commence with such activity (ies) in writing.
- 3.25 The department reserves the right to audit and/or inspect the activity (ies) without prior notification at any reasonable time and at such frequency as may be determined by the Regional Manager.
- 3.26 Subject to the commencement and duration requirements of the MPRDA and NEMA for the listed prospecting activity, the EA is valid for the period for which the aforesaid Prospecting Right is granted. If the commencement of the proposed activity does not occur within the specified prospecting right period, the EA lapses and a new application for EA in terms of the NEMA and the EIA Regulations must be made for the activity to be undertaken.
- 3.27 This EA will only be effective on the event that a corresponding Prospecting Right is issued in terms of MPRDA as amended and none of the activity listed in this EA may commence without a Prospecting Right.
- 3.28 The listed activity (ies), 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 as the appeal is decided.
- 3.29 Should there be any conflicting conditions between this EA and other approval granted by other authorities, it is upon the holder of EA to bring it to the attention of the department for resolution.

4 MANAGEMENT OF ACTIVITY (IES)

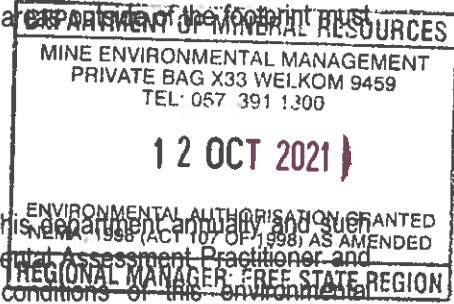
- 4.1 A copy of the EA and EMPr must be kept at the property or on-site office where the activities will be undertaken. The EA and EMPr must be produced to any authorised officials of the department who request to see it and must be made available for inspection by any employee or agent of the holder of the EA who works or undertakes work at the property (ies).

<p>DEPARTMENT OF MINERAL RESOURCES</p> <p>MINE ENVIRONMENTAL MANAGEMENT PRIVATE BAG X33 WELKOM 9459 TEL: 057 391 1300</p> <p>12 OCT 2021</p> <p>Ref No: PS/6877/2015/6788 Page 11 of 15 NEMA, 1998 (ACT 107 OF 1998) AS AMENDED</p> <p>REGIONAL MANAGER: FREE STATE REGION</p>

- 4.2 The contents of the EMPr and its objectives must be made known to all contractors, subcontractors, agent and any other people working on the site, and any updates or amendments to the EMPr must be submitted to the department for approval.
- 4.3 Any complaint received from the I&AP during all phases of the operation must be attended to as soon as possible and addressed to the satisfaction of all concerned interested and affected parties.
- 4.4 The holder of the EA must prevent nuisance conditions or health hazards, or the potential creation of nuisance conditions or health hazards.
- 4.5 The holder of the EA must ensure that all non-recyclable waste is disposed of at waste management facilities licensed to handle such wastes and all recyclable waste are collected by licensed waste management facilities for recycling, reuse or treatment.
- 4.6 In order to prevent nuisance conditions, the holder of the EA must ensure that all storage skips and bins are not overfilled. The holder of the EA must also make sure that littering of waste within the prospecting area is prohibited.
- 4.7 Non-compliance with any condition of this EA or the approved EMPr is an offence in terms of section 49A(1)(c) of NEMA and may result in criminal proceedings and issuing of a directive in terms of Section 28 and or a compliance notice in terms of section 31L of NEMA.
- 4.8 Only listed activity(ies) that are expressly specified in this EA must be undertaken, and additional or new activities not specified herein must be applied for by the holder and authorised by the competent authority in the form of an amendment of the EA before such activities may be commenced with. This condition is also applicable in the case of the amendment, addition, substitution, correction, and removal or updating of any detail in the aforesaid EA.
- 4.9 Rehabilitation of the disturbed surface caused by operation must comply with the approved EMPr.
- 4.10 The Holder of EA must appoint the ECO before commencement of prospecting activities and ensure that the name and contact details of the ECO is made available to the Regional Manager within 30 days of commencement. The holder of EA must also ensure that an ECO is always available on site to ensure that activities at all times comply with the issued EA and approved EMPr.
- 4.11 The ECO must:
- 4.11.1 Keep and maintain a detailed incidents register (including any spillages of fuels, chemicals or any other material).
 - 4.11.2 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.
 - 4.11.3 Keep records relating to monitoring and auditing on site and avail them for inspection to any relevant authorised officials.



- 4.11.4 Keep copies of all environmental reports submitted to the department.
- 4.11.5 Keep the records of all permits, licences and authorisations required by the operation.
- 4.11.6 Compile a monthly monitoring report and make it available to the department if requested.
- 4.11.7 The duties and responsibility of the ECO must not be seen as exempting the holder of the EA from the legal obligations in terms of the NEMA.
- 4.12 The footprint of the activities must be limited on the areas authorised for the actual prospecting works and operational activities and all areas outside of the footprint must be regarded as a "no go" areas.



5 REPORTING TO THE DEPARTMENT

- 5.1 The holder of EA must:
 - 5.1.1 Submit an Environmental Audit Report to the department annually and such report must be done by qualified Environmental Assessment Practitioner and the audit report must specify whether conditions of the environmental authorisation and EMPr/closure plan are adhered to.
 - 5.1.2 The audit report must be in accordance with appendix 7 of the 2014 EIA regulations as amended.
 - 5.1.3 identify and assess any new impacts and risks as a result of undertaking the activities, if applicable.
 - 5.1.4 identify shortcomings in the EMPr/closure plan, if applicable.
 - 5.1.5 identify the need, if any, for any changes to the management, avoidance and mitigation measures provided for in the EMPr;
 - 5.1.6 if applicable, specify that the corrective action/s taken for the previous audit's non-conformities, was adequate and must;
 - 5.1.7 Be submitted by the holder to the competent authority within 30 days from the date on which the auditor finalised the audit.
- 5.2 Should any shortcomings in terms of Regulation 34(4) be identified, the holder must submit recommendation to amend the EMPr/closure plan in order to rectify any shortcomings identified with the aforementioned audit report.
- 5.3 The holder of the EA must annually assess the environmental liabilities of the operation by using the master rates in line with the applicable Consumer Price Index (CPI) at the time and address the shortfall on the financial provision submitted in terms of section 24P of NEMA.
- 5.4 The holder of the EA must, within 24 hours of any 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.
- 5.5 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 5.4, 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 –

- 5.5.1 Correct the impact resulting from the incident.
- 5.5.2 Prevent the incident from causing any further impact.
- 5.5.3 Prevent a recurrence of a similar incident.
- 5.5.4 In the event that measures have not been implemented within 21 days of the incident referred to in condition 5.4, or measures which have been implemented are inadequate, the Competent Authority may implement the necessary measures at the cost of the holder of the EA.

6 SITE SECURITY AND ACCESS CONTROL

- 6.1 The holder of the EA must ensure effective access control to the site to reasonably prevent unauthorised entry. Signs indicating the risks involved in unauthorised entry must be displayed at the entrance.
- 6.2 The prospecting area must be fenced off and lockable gates must be installed to restrict unauthorised access to the site.
- 6.3 Weatherproof, durable and legible notices in at least three official languages applicable in the area must be displayed at the entrance to the Site. These notices must prohibit unauthorised entry and state the hours of operation, the name, address and telephone number of the holder of the EA and the person responsible for the operation of the site.

7 EMERGENCY PREPAREDNESS PLAN

- 7.1 The holder of the EA must draft, maintain, and implement an emergency preparedness plan and review it annually when conducting audits and after each emergency and/or major accident. The plan must, amongst others, include:
 - 7.1.1 Site Fire
 - 7.1.2 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 close to the site.
- 7.2 The holder of EA must ensure that an up-to-date emergency register is kept during all phases of the operation. This register must be made available upon request by the department.



8 INVESTIGATIONS

- 8.1 If, in the opinion of the Competent Authority, nuisances or health risks may be or is occurring on the site, the holder of the EA must initiate an investigation into the cause of the problem or suspected problem.
- 8.2 If, in the opinion of the Competent Authority, pollution may be or is occurring, the holder of the EA must initiate an investigation into the cause of the problem or suspected problem. Such investigation must include the monitoring of the water quality variables

and air quality, 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 and/or degradation, 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.
- 8.5 The holder of the EA must comply with Section 28 of the NEMA and conduct prospecting activities in an environmentally friendly manner.

9 COMMISSIONING AND DECOMMISSIONING

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

10 SITE CLOSURE

- 10.1 The holder of EA must apply for a closure certificate in terms of Section 43 of Mineral and Petroleum Resources Development Act (Act 28 of 2002), as amended within 180 days of occurrence of lapsing, abandonment, cancellation, cessation, relinquishment and completion of development.
- 10.2 The application for closure indicated above must be submitted together with all relevant documents as indicated in Section 43 of Mineral and Petroleum Resources Development Act (Act 28 of 2002), as amended.
- 10.3 No exotic but, only indigenous plants must be utilized for rehabilitation purposes.
- 10.4 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 EA and the management and sustainable closure thereof until the Minister has issued a Closure Certificate in terms of Section 43 of Mineral and Petroleum Resources Development Act (Act 28 of 2002). Where necessary the Minister may retain certain portion of financial provision for residual, health or environmental impacts that might be known in future.

11 NEMA PRINCIPLES

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

- the effects of decisions on all aspects of the environment to be taken into account.

Decision for the Granting of an Environmental Authorisation: Ref No: FS/05/142/10587/EA Page 14 of 15



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

12 DISCLAIMER

The Department of Mineral Resources and Energy in terms of the conditions of this environmental authorisation shall not be responsible for any damages or losses suffered by the holder, developer or his/her successor in any instance where construction or operation subsequent to construction is temporarily or permanently stopped for reasons of non-compliance with the conditions as set out herein or any other subsequent document or legal action emanating from this decision.

13 RECOMMENDATIONS

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

Your interest in the future of our environment is appreciated.

Kind Regards



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KALIPA KEWUTI
REGIONAL MANAGER: MINERAL REGULATION
WESTERN CAPE REGIONAL OFFICE
DATE: 12/10/2021

