



mineral resources
Department:
Mineral Resources
REPUBLIC OF SOUTH AFRICA

Private Bag X 54307, DURBAN, 4000, 333 Anton Lombede Street, 3rd Floor Durban Bay House, DURBAN
Tel: (031) 335 9600, Fax: (031) 305 5801
Email: karoon.moodley@dmr.gov.za
Enquiries: Mr. K.G Moodley
Reference: KZN30/5/11/2/10662PR

BY HAND

THE MANAGER
DUNROSE INVESTMENTS 174 (PTY) LTD
PO BOX 1364
RAYTON
1001

Attention: Mr. John James
Fax No: 088 012 736 2588

ENVIRONMENTAL AUTHORISATION IN TERMS OF THE NATIONAL ENVIRONMENTAL
MANAGEMENT ACT, 1998 (NEMA, AS AMENDED) AND THE ENVIRONMENTAL IMPACT
ASSESSMENT (EIA) REGULATIONS, 2014 (AS AMENDED) FOR PROSPECTING BY
DUNROSE INVESTMENTS 174 (PTY) LTD ON THE REMAINING EXTENT OF PORTION 1 OF
SCHURFDE POORT NO.1147GS, AND REMAINDER OF THE FARM SCHURFDE POORT
NO.1147GS, THE FARM BRAKFRONTEIN NO.18033GT, REMAINDER OF GANNA HOEK
NO.1317GS, PORTION 1 OF GANNAHOEK 1317GS, PORTION 1 OF THE SHAWS
NO.11317GS, REMAINDER OF KLIPBERG 2158GT, PORTION 1 OF KLIPBERG 2158GT,
REMAINDER, PORTION 1 AND 2 OF RAMAK NO.13696GT WITHIN THE UTHUKELA
DISTRICT MUNICIPALITY IN KWAZULU NATAL.

With reference to the abovementioned application, please be advised that the Department of
Mineral Resources has decided to grant an environmental authorisation in terms of the National
Environmental Management Act (Act 107 of 1998, as amended).

In terms of Regulation 15 of the NEMA EIA Regulations, 2014 an Environmental Assessment
Practitioner (EAP) must identify whether a basic assessment or scoping & EIR process must be
applied to the application taking into account any notices published in terms of section 24D of
the Act.

As per the application form dated 30th January 2017, your Environmental Assessment Practitioner (EcoPartners) identified that a basic assessment process must be applied.

The following listed activities in Listing Notice 1 of the EIA Regulations, 2014 were identified:

Activity 20 – 'Any activity including the operation of that activity which requires a prospecting right in section 16 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002), including associated infrastructure, structures and earthworks, directly related to prospecting of a mineral resource, including activities for which an exemption has been issued in terms of section 106 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002).'

The EAP has also identified Activity 12 (a) (ii) of Listing Notice 3, GNR 985 but this is not applicable to KZN. The EA will thus only be granted in respect of Activity 20.

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 information regarding the lodgement of an appeal must be provided as per the provisions 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 copy of such appeal to the Department of Mineral Resources (KwaZulu Natal Regional Office), within 20 days from the date of notification, and such appeal must be lodged as prescribed by Chapter 2 of the National Appeal Regulations of 2014, by means of the methods as prescribed below:

Appeal to the Department of Environmental Affairs:

Attention : Directorate Appeals and Legal Review

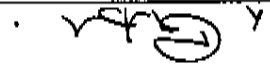
Email : appealsdirector@environment.gov.za

By post : Private Bag X 447,

Pretoria

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REGIONAL MANAGER: MINERAL REGULATION
KWAZULU NATAL REGIONAL OFFICE
DATE: 01/11/2017



Yours Sincerely

In the event that you decide to appeal the decision, you must comply with the National Appeal Regulations of 2014 in relation to notification of all registered interested and affected parties. A copy of the official appeal form can be obtained from the Department of Environmental Affairs.

- By hand : 333 Anton Lembede Street, 3rd Floor Durban Bay House, Durban, 4000
- By post : Private Bag X54307, Durban, 4000
- E-mail : Ncamisile.Mishali@dmr.gov.za
- By facsimile : (031) 301 6950
- Attention : Regional Manager: KwaZulu Natal Region

Copy of the lodged appeal to the Department of Mineral Resources:

- By hand : Environmental House, 473 Steve Biko Road, Arcadia, Pretoria, 0083



mineral resources
 Department:
 Mineral Resources
 REPUBLIC OF SOUTH AFRICA

Private Bag X 54307, DURBAN, 4000, 333 Anton Lembede Street, 3rd Floor Durban Bay House, DURBAN

Tel: (031) 335 9600, Fax: (031) 305 5801, Email: karoon.modloy@dmr.gov.za
 Reference: KZN30/5/11/2/10662PR Enquires: Mr. K.G Modley

ENVIRONMENTAL AUTHORISATION

Reference number:

KZN 30/5/11/2/10662PR

Last amended:

FIRST ISSUE

Holder of authorisation:

DUNROSE INVESTMENT 174 (PTY) LTD

Location of activity:

THE REMAINING EXTENT OF PORTION 1 OF SCHURFDE POORT NO.1147GS, AND REMAINDER OF THE FARM SCHURFDE POORT NO.1147GS, THE FARM BRAKFONTAIN NO.18033GT, REMAINDER OF GANNA HOEK NO.1317GS, PORTION 1 OF GANNAHOEK 1317GS, PORTION 1 OF THE SHAWS NO.11317GS, REMAINDER OF KLIPBERG 2158GT, PORTION 1 OF KLIPBERG 2158GT, REMAINDER, PORTION 1 AND 2 OF RAMAK NO.13696GT

DECISION

ACRONYMS:

NEMA: The National Environmental Management Act, 1998 (Act 107 of 1998, as amended),
 DEPARTMENT: Department of Mineral Resources,
 EA: Environmental Authorisation,
 IEA: Integrated Environmental Authorisation,
 EMP: Environmental Management Programme
 BAR: Basic Assessment Report
 I&AP: Interested and Affected Parties
 ECO: Environmental Control Officer
 SAHRA: South African Heritage Resources Agency
 EIA REGULATIONS: EIA Regulations, 2014 (as amended)
 MPRDA: Mineral and Petroleum Resources Development Act, 2002 (Act 28 of 2002 as amended)
 NEMWA: National Environmental Management: Waste Act, 2008 (Act 59 of 2008 as amended)
 EIA: Environmental Impact Assessment.

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

ACTIVITY APPLIED FOR:

By virtue of the powers conferred on it by the Minister of Environmental Affairs in terms of the provisions of NEMA, the Department hereby Grants an EA to Dunrose Investments 174 (Pty) Ltd with the following contact details –

Mr J James

PO Box 1364

Rayton

1001

Tel no: (082) 324 7345

Fax no: (088) 012 736 2588

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

NEMA: LISTED ACTIVITIES: Listed in the EIA Regulations as:-

Activity 20 – 'Any activity including the operation of that activity which requires a prospecting right in section 16 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002), including associated infrastructure, structures and earthworks, directly related to prospecting of a mineral resource, including activities for which an exemption has been issued in terms of section 106 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002).'

Only listed activities that are expressly specified in this EA and the associated EMP that forms part of this EA may be conducted, and any additional or new activities not specified herein must be applied for by the holder and authorised by the competent authority in the form of an amendment to the aforesaid EA and EMP before the commencement of such activities. This condition is also applicable in the case of an amendment, addition, substitution, correction, and removal or updating of any detail in the EA and EMP.

ANNEXURE 1: REASONS FOR THE DECISION

1. Background

Dunrose Investments 174 (Pty) Ltd submitted an application for an EA for activities listed in the NEMA EIA Regulations Listing Notice 1 as:

Activity 20 – ‘Any activity including the operation of that activity which requires a prospecting right in section 16 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002), including associated infrastructure, structures and earthworks, directly related to prospecting of a mineral resource, including activities for which an exemption has been issued in terms of section 106 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002)’

The applicant appointed EcoPartners to undertake the Basic Assessment process as required by Regulation 19 of the EIA Regulations.

2. Information considered in making the decision

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

a) The information contained in the Basic Assessment received by the Department on 07th July 2017

b) The objectives and requirements of the applicable and relevant legislation, policies and guidelines and the EIA Regulations.

c) Public Participation Process (PPP) attached as Appendix 7 of the BAR.

3. Key factors considered in making the decision

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

a) The report on the Public Participation Process undertaken and the substantiating documentation in respect of this process in comparison with the minimum requirements as prescribed in the EIA Regulations for public involvement;

b) The identified potential environmental, social and economic impacts associated with the proposed activity, environmental, social and economic impact assessment and the proposed mitigation measures outlined in the BAR and EMPr compiled by Ms San Oosthuizen of EcoPartners.

c) Dunrose Investments 174 (Pty) Ltd have held prospecting rights over these properties and this application entails a consolidation of their prospecting rights.

4. Findings

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

a) The potential impacts on the proposed site were clearly investigated and mitigation measures outlined.

b) The Public Participation Process complied with Chapter 6 of the EIA Regulations. The PPP included, *inter-alia*, the following:

- A newspaper advertisement was placed in the local newspaper Estcourt & Midlands News on 13th April 2017 and also in the Daily Sun KZN on 12th April 2017 and in the Eyethu Newspaper on 14th April 2017.

- Notification letters were sent via email to identified landowners, I & A's and Government Stakeholders.

- Notices were placed at 14 locations around the project areas.
- A Project information document was circulated to all key stakeholders and the registered interested and affected parties including organs of state.
- A register of I & AP's was developed including the relevant contact details.
- A draft BAR was sent to organs of state and made available to I & AP's

ANNEXURE 2:

EA SITE SPECIFIC CONDITIONS

1. The prospecting activities can only be undertaken on the properties for which this EA and the associated prospecting right is issued.
2. Dunrose Investments 174 (Pty) Ltd must ensure that concurrent rehabilitation is facilitated.
3. A copy of the EA, EIMP and prospecting right must be readily available on site (for verification by organs of state) during prospecting operations.
4. The environmental awareness training must occur prior to employees going onto site and must continue during the life of the operation. This will include general environmental awareness and job specific environmental awareness training.
5. Surface water control measures and waste management measures must be implemented to prevent any impacts.
6. There must be proactive and reactive management / mitigation measures developed and implemented in relation to the handling, storage, prevention, clean-up of spillages and disposal of polluted materials.
7. A review of the environmental liability is due annually in terms of Section 24P of the EIA Regulations, 2014.
8. The aspects for inclusion as conditions of authorisation as identified by the EAP and contained in Section m and n of the BAR are deemed to be conditions of the EA and must be implemented as per the commitments in the BAR and EMP.

STANDARD DEPARTMENTAL CONDITIONS:

1. SCOPE OF AUTHORISATION

- 1.1. The holder of EA is 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 the 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 environmental authorisation in terms of the EIA Regulations.
- 1.3. The activities, which are authorised, may only be carried out at the property (ies) indicated in the EA and or on the approved EMPr and issued prospecting right.
- 1.4. Where any of the contact details of the holder of the EA change, including the name of the responsible person, physical or postal address or telephonic details, the holder of the EA must notify the Department within 5 days of such change.
- 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:

2.1.1 Notify all identified and registered I&APs of –

(a) The outcome of the application;

(b) The date of the decision;

(c) The date of issue of the decision and;

(d) The reasons for the decision as included in Annexure 1 and Site Specific and Departmental Standard Conditions in Annexure 2.

2.1.2. 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.

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

2.1.4. Provide the registered I&APs with:

(a) Name of the holder (entity) of this EA

(b) Name of the responsible person for this EA

(c) Postal address of the holder;

(d) Telephonic and fax details of the holder and

(e) E-mail address of the holder if available.

3. COMMENCEMENT OF THE ACTIVITY (IES)

3.1. In order to ensure safety, all employees must be given the necessary personnel protective equipment (PPE).

3.2. This EA must be provided to the site operator and the requirements thereof must be made fully known to him or her.

3.3. Hauling routes for construction vehicles and machinery must be clearly marked and appropriate signage must be posted to that effect. Furthermore, movement of construction vehicles and machinery must be restricted to approved areas and routes.

3.4. Appropriate signage must be erected at the construction site, warning the public (residents, visitors etc.) of the hazards around the construction site and the presence of heavy vehicles and machinery.

3.5. Any 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 the spread of alien invasive species.

3.7. The holder of EA must note that in terms of the National Forest Act (Act No.84 of 1998) protected plant species must not be cut, disturbed, damaged, destroyed and their products must not be possessed, collected, removed, transported, exported, donated, purchased or sold unless permission is granted by the Department of Agriculture, Forestry and Fisheries.

3.8. Construction areas (e.g. material lay down areas), topsoil and subsoil must be protected from contamination or pollution. Stockpiling must not take place in drainage lines or areas where it will impede surface water runoff.

3.9. If any soil contamination is noted at any phase of the proposed activity (ies), the contaminated soil must be remediated on site or removed to a licensed waste disposal facility and the site must be rehabilitated to the satisfaction of this Department and the Department of Water and Sanitation. The opportunity for the onsite remediation and re-use of contaminated soil must be investigated prior to the disposal and this Department must be informed in this regard.

3.10. An integrated waste management approach must be implemented that is based on waste minimization and must incorporate avoidance, reduction, recycling, treatment, reuse and disposal where appropriate. Any uncontaminated rubble generated on the premises can be re-used as back filling material on site. No refuse or rubble generated on the premises must be placed, dumped or deposited on the adjacent properties or public places and open space.

3.11. In terms of sections 28 and 30 of NEMA, and sections 19 and 20 of the National Water Act, 1998 (Act No. 36 of 1998), any costs incurred to remedy environmental damage must be borne by the person responsible for the damage. It is therefore imperative that the holder of the EA reads through and understand the legislative requirements pertaining to the project. It is the responsibility of the holder of the 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.

3.12. Vehicles must be serviced and maintained in such a manner that no excessive fumes are emitted, noise is reduced to acceptable levels, and to petro-chemical leaks are prevented.

3.13. Residents (if any) on the property (ies) and surrounding areas must be informed if any unusually noisy activities are planned and this must be done at a minimum of two days in advance of such an activity.

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

3.15. Mixing of cement, concrete, paints, solvents, sealants and adhesives must be done in specified areas on concrete aprons or on protected plastic linings to contain spillage or overflow onto soil to avoid contamination of underground water and environmental damage.

3.16. Should any heritage remains be exposed during operation or any actions on the site, these must immediately be reported to the South African Heritage Resource Agency (SAHRA) and AMAFA - KZN (in accordance with the applicable legislation). Heritage remains uncovered or disturbed during earthworks must not be disturbed further until the necessary approval has been obtained from the South African Heritage Resource Agency (SAHRA) and or AMAFA - KZN. Heritage remains include: archaeological remains (including fossil bones and fossil shells); coins; middens; indigenous and/or colonial ceramics; any articles of value or antiquity; marine shell heaps; stone artefacts and bone remains; structures and other built features; rock art and rock engravings; shipwrecks; and graves or unmarked human burials. A qualified archaeologist must be contracted where necessary (at the expense of the applicant and in consultation with the relevant authority) to remove any human remains in accordance with the requirements of the relevant authority.

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

3.18. Hydraulic fluid or chemicals required during activities must be stored on a concrete lined surface with bund walls and must be designed in such a manner that any spillage will be contained and reclaimed without any impact on the surrounding environment. The storage of hydrocarbons must have bund walls with adequate capacity to contain 110% of the maximum volume that is stored in the area. Should any spills occur it must be cleaned immediately by removing spillage together with the polluted solids and dispose it in the authorised disposal site permitted of such waste. The regional office of the Department of Water and Sanitation must be notified within 24 hours of an incident that may pollute surface and underground water resources.

3.19. 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.

3.20. The holder of the EA must ensure that any water uses listed in terms of Section 21 of National Water Act must be authorized by the Department of Water and Sanitation prior to the commencement of such activity (ies).

3.21. 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.

3.22. The holder of EA must ensure that rehabilitation of the disturbed areas caused by the operation complies with the approved EMPr at all times.

3.23. 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.

3.24. The holder of the EA must note that in terms Section 43A of the National Environmental Management: Waste Act, 2008 (Act No.59 of 2008), residue deposits must be deposited and managed in a prescribed manner on any site demarcated for that purpose in the Environmental Management Plan or Environmental Management Programme. No person may temporarily or permanently deposit residue stockpiles or residue deposits on any area or site other than on the site indicated in the Environmental Management Programme.

3.25. The holder of EA must note that in terms Section 20 of the National Environmental Management: Waste Act, 2008 (Act No.59 of 2008), no person may commence, undertake or conduct a waste management activity, except in accordance, with the requirements of norms and standards determined in terms of Section 19 (3) for that activity or a waste management licence is issued in respect of that activity if licence is required.

3.26. An appeal under Section 43 (7) of the National Environmental Management Act (NEMA), Act 107 of 1998 (as amended) suspends an EA or exemption or any provisions of conditions attached hereto, or any directive unless the Minister directs otherwise.

3.27. Should you be notified by the Minister of a suspension of the EA 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.

3.28. 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.

3.29. The waste storage site must have a firm, impermeable, chemical resistant floors and a roof to prevent direct sunlight and rain water from getting in contact with the waste.

3.30. Uncontaminated storm water must be prevented from coming into contact with the waste and must be diverted away from the storage site.

3.31. This EA will only be effective in the event that a corresponding Prospecting Right is issued in terms of the MPRDA (as amended) and none of the activities listed in this EA may commence without the aforementioned Prospecting Right.

3.32. 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 EA is suspended until such time as the appeal is decided.

3.33. Should there be any conflicting conditions between this EA and other approval granted by other authorities, the responsibility rests with 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 EMP must be readily available for inspection during activities. The EA and EMP must be produced to any authorised officials of the Department who request to see it and must be made available to any employee or agent of the holder of the EA who works or undertakes work at the property (ies).

- 4.2. The content of the EMPr and its objectives must be made known to all contractors, subcontractors, agents and any other people working on the site, and in the event of the need to update or amend the EMPr, these must be submitted to the Department for approval.
- 4.3. Regular monitoring and maintenance of storm water control facilities must be conducted at all times and if damaged, must be rectified as directed by the Department or any other relevant authority.
- 4.4. A buffer zone of 100 metres between the activity (ies) and any residential area, structures, cemeteries or burial grounds must be clearly demarcated and maintained or in line with a recommendation/s from a qualified specialist in respect of buffer zones.
- 4.5. The holder of the EA must prevent nuisance conditions or health hazards, or the potential creation of any nuisance conditions or health hazards.
- 4.6. The holder of the EA must ensure that all non-recyclable wastes are disposed of at waste management facilities licensed to handle such wastes and also ensure that all recyclable wastes are collected by licensed waste management facilities for recycling, reuse or treatment.
- 4.7. The holder of the EA must ensure that all liquid wastes, whose disposal onto water or land have the potential to cause pollution are only diverted to the sewer after testing water quality and receiving written approval from the relevant local authority.
- 4.8. Non-compliance with any condition of this EA and associated EMPr may result in the issuing of a directive in terms of section 28 and or a compliance notice in terms of section 31L of NEMA.
- 4.9. Any rehabilitation of disturbed surfaces caused by the prospecting operation must comply with the approved EMPr.

4.10. The holder of EA must ensure that the name and contact details of the ECO is made available to the Regional Manager 30 days prior to the commencement of the prospecting activity. The holder of EA must also ensure that an ECO is always available on site to ensure that activity (ies) comply with the issued EA and approved EMP.

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.

4.12. The duties and responsibility of the ECO should not be seen as exempting the holder of the EA from the legal obligations in terms of the NEMA.

4.13. The footprint of the activity (ies) must be limited to the areas authorised for the actual construction works and operational activities. All areas outside of the footprint must be regarded as a "no go" areas.

- 4.14. Erosion and soil loss must be prevented by minimizing the size of the area exposed to surface water run-off. Where necessary erosion stabilizing measures such as gabions, earthen berms or re-vegetation must be implemented to prevent further environmental degradation.
- 4.15. The holder of the EA must ensure that all personnel who work with hazardous waste are trained to deal with any potentially hazardous situations so as to minimise the risk involved. Records of training and verification of competence must be kept by the holder of the EA.
- 4.16. In order to prevent nuisance conditions, the holder of the EA must ensure that all storage skips and bins are not overfilled and properly demarcated.

5 REPORTING TO THE DEPARTMENT

- 5.1. The holder of EA must:
- 5.1.1. submit an Environmental Audit Report to this Department biennially and such report must be done by a qualified Environmental Assessment Practitioner and the audit report must specify whether conditions of this EA, EMPr and closure plan were and are adhered to;
- 5.1.2. identify and assess any new impacts and risks as a result of undertaking the activity/ies, if applicable;
- 5.1.3. identify shortcomings in the EMPr and closure plan, if applicable;
- 5.1.4. identify the need, if any, for any changes to the management, avoidance and mitigation measures provided for in the EMPr and closure plan;
- 5.1.5. if applicable, specify whether the corrective actions taken for the previous audit's non-conformities, were adequate;
- 5.1.6. specify the name of the auditor and

5.1.7. be submitted by the holder to the competent authority within 30 days from the date on which the auditor finalised the audit.

5.2. Should any shortcomings in terms of Regulation 34(4) be identified, the holder must submit recommendations to amend the EIMPr and closure plan in order to rectify the identified in the aforementioned audit report.

5.3. All complaints received from I&AP's during any of the phases of the operation must be acknowledged within five days of receipt and addressed to the satisfaction of all concerned within 10 days (where reasonably possible). All complaints must be recorded and a report must be forwarded to the competent authority with all relevant details of the complaint, complainant and how the complaint was resolved within 30 days of receipt of the complaint.

5.4. 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, has caused or may cause 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 in respect 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; and

5.5.3. Prevent a recurrence of a similar incident.

5.6. 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 on the site to reasonably prevent unauthorised entry. Signs indicating the risks involved in unauthorised entry must be displayed at each entrance.

6.2 Weather proof, durable and legible notices in at least two official languages predominant in the area must be displayed at each 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 maintain and implement an emergency preparedness plan and review it biennially when conducting the audit and after each emergency and or major accident. The plan must, amongst others, include:

7.1.1 Site Fires

7.1.2 Spillages

7.1.3 Natural disasters such as floods

7.1.4 Industrial action

7.1.5 Contact details of police, ambulances and any emergency centres closest 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 are 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. If applicable, such investigation must include the monitoring of the water quality variables, at those monitoring points and such frequency as may be specified by the Competent Authority.

8.3 Investigations carried out in terms of conditions 8.1 and 8.2 above must include the monitoring of the relevant environmental pollution, nuisance and health risk variables, at those monitoring points and such frequency to be determined in consultation with the Competent Authority.

8.4 Should the investigation carried out as per conditions 8.1 and 8.2 above reveal any unacceptable levels of pollution, the holder of the EA must submit mitigation measures to the satisfaction of the Competent Authority.

9. COMMISSIONING AND DECOMMISSIONING

9.1 The commissioning and decommissioning of individual activity (ies) within the overall listed prospecting activity must take place within the phases and timeframes as set out in the EA and EMP.

10. SITE CLOSURE

10.1 The holder of EA must apply for a closure certificate in terms of Section 43 (3) of the Mineral and Petroleum Resources Development Act (Act 28 of 2002, as amended) within 180 days of the 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. Only indigenous plants can 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 or latent, health or environmental impacts.

11. NEMA PRINCIPLES

11.1. The principles set out in Section 2 in Chapter 1 of the National Environmental Management Act, 1998 (Act No.107 of 1998) must be applied to this prospecting operation and any matter relating to this operation; and must serve as a guideline for the interpretation, administration and implementation of all environmental requirements.

11.2. This prospecting operation must be conducted in accordance with generally accepted principles of sustainable development by integrating social, economic and environmental factors into the planning and implementation of this prospecting operation in order to ensure that the exploitation of mineral resources serves present and future generations.

11.3. The holder of this EA must at all times give effect to the general objectives of integrated environmental management as laid down in Chapter 5 of the National Environmental Management Act, 1998 (Act No. 107 of 1998) and must

- manage all environmental impacts as an integral part of the prospecting operation and must as far as it is reasonably practicable, rehabilitate the environment affected by the prospecting operations to its natural or predetermined state or to a land use which conforms to the generally accepted principle of sustainable development; and is responsible for any environmental

damage, pollution or ecological degradation as a result of his or her prospecting operations and which may occur inside and outside the boundaries of the area to which the EA relates

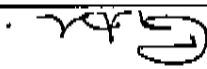
12. DISCLAIMER

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

13. DECISION:

In view of the above BAR and management and mitigation measures proposed in the EIMPr, 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 activity can be mitigated to acceptable levels.

An environmental authorisation is accordingly **GRANTED** to Dunrose Investments 174 (Pty) Ltd.


REGIONAL MANAGER: MINERAL REGULATION
KWAZULU NATAL REGIONAL OFFICE
DATE: 01/11/2017