



# LIMPOPO

PROVINCIAL GOVERNMENT  
REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF  
ECONOMIC DEVELOPMENT, ENVIRONMENT & TOURISM

Ref: 12/1/9/2-V127 Enq: Masungi Tshuketana Cell: 082 371 6256 E-mail: [tshuketanim@ledet.gov.za](mailto:tshuketanim@ledet.gov.za)

Makhado Local Municipality  
Private Bag X2596  
**LOUIS TRICHARDT**  
0920

Attention: Mr Phalandwa RV

E-mail: [rudzanip@makhado.gov.za](mailto:rudzanip@makhado.gov.za)

**ENVIRONMENTAL AUTHORISATION FOR THE PROPOSED CLEARANCE OF APPROXIMATELY 50.61 HECTARES OF INDIGENOUS VEGETATION FOR THE PURPOSE OF TOWNSHIP ESTABLISHMENT AT DOLI-DOLI VILLAGE ON A PORTION OF THE FARM KEERWERDER 169 MT WITHIN MAKHADO LOCAL MUNICIPALITY OF VHEMBE DISTRICT**

With reference to the abovementioned application, please be advised that the Department has decided to grant authorisation. The environmental authorisation and reasons for the decision are attached herewith.

In terms of Regulation 4(2) of the Environmental Impact Assessment Regulations of 2014 as amended, you are instructed to notify all registered interested and affected parties, in writing and within 14 (fourteen) calendar days, of the date of the Department's decision in respect of your application as well as the provisions regarding the lodgement of appeals as provided in the National Appeals Regulations of 2014.

Should you wish to appeal any aspect of the decision, you must, inter alia, lodge an appeal with the MEC for Economic Development, Environment and Tourism (LEDET), within 20 calendar days of receiving this letter by means of the prescribed forms obtainable from LEDET, by means of one of the following methods:

By post : P O Box 55464, **POLOKWANE**, 0700  
By hand : Evidiki Towers, 20 Hans van Rensburg Street, **POLOKWANE**, 0699

Should you decide to appeal, you must serve a copy of your appeal on all registered interested and affected parties and any organ of state interested in this matter.

Yours faithfully,

PP. DIRECTOR  
ENVIRONMENTAL IMPACT MANAGEMENT  
DATE: 10 05 2022

Cc: Mang Geoenviro Services



Attention: Mr Phakwago MK  
E-mail: [kabelo@manggeoenviro.co.za](mailto:kabelo@manggeoenviro.co.za)

HEAD OFFICE

20 Hans Van Rensburg Street / 19 Biccard Street, Polokwane, 0700, Private Bag X 9484, Polokwane, 0700  
(Switchboard) Tel: +2715 293 8300 Website: [www.ledet.gov.za](http://www.ledet.gov.za)

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PROVINCIAL GOVERNMENT  
REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF  
ECONOMIC DEVELOPMENT, ENVIRONMENT & TOURISM  
ENVIRONMENTAL AUTHORISATION

**PROJECT DESCRIPTION: THE PROPOSED CLEARANCE OF APPROXIMATELY 50.61 HECTARES OF INDIGENOUS VEGETATION FOR THE PURPOSE OF TOWNSHIP ESTABLISHMENT AT DOLI-DOLI VILLAGE ON A PORTION OF THE FARM KEERWERDER 169 MT WITHIN MAKHADO LOCAL MUNICIPALITY OF VHEMBE DISTRICT**

**Environmental Impact Assessment Process:** Scoping and Environmental Impact Reporting

<b>LEDET Reference</b>	12/1/9/2-V127
<b>NEAS Reference</b>	LIM/EIA/0001359/2021
<b>Amendments</b>	First issue

**Holder of Authorisation:** Makhado Local Municipality

**Address:** Private Bag X2596  
LOUIS TRICHARDT  
0920

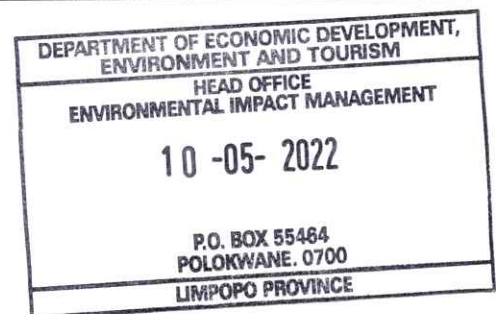
**For attention:** Mr Phalandwa RV      **Cell:** 082 529 9969      **E-mail:** [rudzanip@makhado.gov.za](mailto:rudzanip@makhado.gov.za)

**LOCATION OF ACTIVITY:**

Local/nearest Area description	Location	District Municipality	Local Municipality
Doli-Doli Village	Portion of the farm Keerweder 169 MT	Vhembe	Makhado

**GPS Coordinates**

Point	Coordinates			
	South	22°	44'	7.34"
Centre	East	30°	10'	14.78"



**ACRONYMS**

**NEMA** National Environmental Management Act, 1998 (Act 107 of 1998), as amended.  
**Regulations** EIA Regulations of 8 December 2014 in terms of Chapter 5 of NEMA.  
**EIA** Environmental Impact Assessment.  
**Department** Department of Economic Development, Environment and Tourism.  
**I&APs** Registered Interested and Affected Parties.  
**EA** Environmental Authorisation.  
**EMPr** Environmental Management Programme.

**HEAD OFFICE**

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Details regarding the basis on which the Department reached this decision are set out in Annexure 1.

### ACTIVITIES AUTHORISED

Notice and description	Activity Number and description	Component in the proposed development/expansion
Notice 2: R. 984 of 2014	Activity 15 – “The clearance of an area of 20 hectares or more of indigenous vegetation”.	Clearance of approximately 50.61ha of indigenous vegetation for the purpose of township establishment.

### CONDITIONS

1. Departmental Standard Conditions attached as Annexure 2 must be adhered to.
2. The EMPr attached as part of reports for the above development submitted as part of the application for an EA is hereby approved and must be adhered to throughout the life cycle of the activity.
3. Recommendations as outline in the Geotechnical Investigation Report must be adhered to throughout the lifecycle of the project.
4. The protected plant species of *Adansonia digitata* (Boabab) and that of *Sclerocarya birrea* (Marula tree) occurring on the proposed site must be incorporated into the design and landscape of the development. Where protection is impossible, a permit must be obtained from the Department of Forestry, Fisheries and the Environment (DFFE).
5. The proposed Waste Water Treatment Works must be environmentally authorised by this department prior its construction and a Water Use Authorisations in terms of the National Water Act, 36 of 1998 should be obtained from the Department of Water and Sanitation for the disposal of water containing waste prior operation.

This activity must commence within a period of ten (10) years from the date when the EA was issued. If commencement of the activity does not occur within that period, the EA lapses and a new application for EA may be made in order for the activity to be undertaken. Any request for extension of the validity period of the EA must be lodged with the Department at least 60 days before the expiry date of the EA.

  
CHIEF DIRECTOR  
ENVIRONMENTAL TRADE AND PROTECTION

DATE: 10/05/2022



**ANNEXURE 1: REASONS FOR THE DECISION**

**1. Environmental Assessment Practitioner**

**Names:** Mr MK Phakwago

**Company:** Mang Geoenviro Services

**Telephone Number/ Cell Number:** 012 770 4022

**E-mail:** [kabelo@manggeoenviro.co.za](mailto:kabelo@manggeoenviro.co.za)



**2. Dates of receipt of information**

Document	Application Form	Scoping Report	Environmental Impact Assessment Report
<b>Date of receipt</b>	Application form – 13/07/2021	Report for consultation – 13/07/2021 Report for Acceptance – 26/08/2021	EIAR for consultation – 01/12/2021 EIAR for decision – 28/01/2022
<b>Date of acknowledgement of receipt</b>	Application Form - 16/07/2021	Report for consultation – 16/07/2021 Report for Acceptance – 03/09/2021	Report for consultation – 09/12/2021 Report for decision 11/02/2022
<b>Date of acceptance</b>		04/10/2021	

**3. List of specialist reports and other information:**

Report description	Person (and Company) where applicable, who compiled the report and Date	Appendices
Biodiversity Impact Study Report	Compiled by Takalani Mudau of Mvedzo Environmental and Safety Solutions dated June 2021	Appendix D1
Phase 1 Heritage Impact Assessment Report	Compiled by Richard R Munyai of Vhufashu Heritage Consultants dated May 2021	Appendix D2
Geotechnical Investigation Report	Compiled by Lavhelesani Mavhetha of Mutali Geoscience Solyution dated September 2021	Appendix D3
Bulk Engineering Services Report	Compiled by Dalimede Projects (Pty) Ltd dated July 2021	Appendix D4
Socio-Economic Impact Assessment Report	Compiled by Mr Nethononda G.L of Great Warthog Geo-Environmental Group dated June 2021	Appendix D5
Palaeontological Impact Assessment Report	Compiled by Prof Marion Bamford of Wits University dated May 2021	Appendix D1

#### 4. Key factors considered in making the decision

##### 4.1 Public Participation

Name of newspaper: Limpopo Mirror

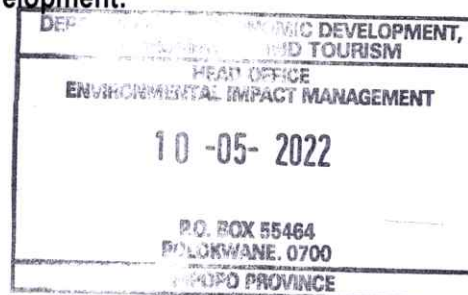
Date of advert in the newspaper: 02 July 2021

##### Site Notices:

- At the proposed site;
- At Doli Doli General Dealer, and
- On the electric pole along the streets of Doli Doli village.

##### Notification of interested and affected parties about the development:

- Through Newspaper advertisement;
- Site notices that were placed on site;
- Through emails; and
- Through hand delivery.



##### 4.2 Findings

Activity/Report	Finding
Biodiversity Impact Study Report	<ul style="list-style-type: none"> <li>• The proposed development is to be situated in an area of high biodiversity value with functional ecosystem and pristine habitats. A stream passes through the development area and therefore presents an environmental sensitive area. A delineation of the stream has been conducted and a flood line determined; and</li> <li>• Protected plant species such as Boabab and Marula Trees need to be preserved and where it not possible a permit to remove them must be obtained from the department.</li> </ul>
Phase 1 Heritage Impact Assessment Report	<ul style="list-style-type: none"> <li>• There are no objections to the proposed project; and</li> <li>• Should any archaeological or any other physical cultural resources be discovered subsurface during construction, heritage authorities should be informed.</li> </ul>
Geotechnical Investigation Report	<ul style="list-style-type: none"> <li>• The Geotechnical Investigation Report recommended that a reinforced strip foundation founded on a G7 material soil mattress must be used for the development.</li> </ul>
Bulk Engineering Services Report	<ul style="list-style-type: none"> <li>• The proposed Township has no existing bulk pipelines nor reticulation infrastructure and therefore the report has proposed water design criteria to be used;</li> <li>• A Waste Water Treatment Works has been proposed for the development since there is no existing sanitation infrastructure in the area;</li> <li>• There is existing electricity lines along the D3673 Road access road where the proposed development can be supplied from; and</li> </ul>

Environmental Authorisation for the proposed township establishment at Doli-Doli Village on a portion of the farm Keerwerder 169 MT within Makhado Local Municipality of Vhembe District

Department of Economic Development, Environment and Tourism  
Environmental Authorisation Ref No: 12/1/9/2-V127

	<ul style="list-style-type: none"><li>• A regional landfill site situated near the development will be used for solid waste disposal.</li></ul>
Socio-Economic Impact Assessment Report	<ul style="list-style-type: none"><li>• The development will present positive socio-economic impacts. Job opportunities will increase in the area due to the development; and</li><li>• The report recommends that job opportunities should be given to local people as far as possible. It also recommend that a labour desk be established by the developer in order to identify and link the required skills from local people to the available job opportunities.</li></ul>
Palaeontological Impact Assessment Report	<ul style="list-style-type: none"><li>• The report recommends that based on the experience and the lack of any previously recorded fossils from the area or from this group, it is extremely unlikely that any fossils would be preserved in the arenites of the Wyllie's Poort formation.</li></ul>

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



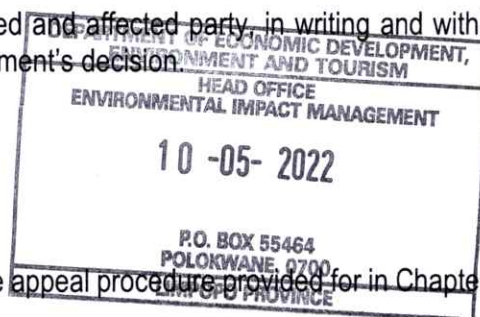
**LEDET DEPARTMENTAL STANDARD CONDITIONS**

**1. SCOPE OF AUTHORISATION**

- 1.1 The holder of the EA shall be responsible for ensuring compliance with the conditions contained in this EA. This includes any person acting on the holder's behalf, including but not limited to, an agent, servant, contractor, sub-contractor, employee, consultant or person rendering a service to the holder of the EA.
- 1.2 Any changes to, or deviations from, the project description set out in this EA must be approved, in writing, by the Department before such changes or deviations may be effected. In assessing whether to grant such approval or not, the Department may request such information as it deems necessary to evaluate the significance and impacts of such changes or deviations and it may be necessary for the holder of the EA to apply for further authorisation in terms of the Regulations.
- 1.3 The activity, which is authorised, may only be carried out at the property indicated in the EA.
- 1.4 The holder of the EA will be held liable for any damages to the environment and associated costs, which results from any activity related to the construction and/or operation of the proposed project.
- 1.5 Where any of the holder of the EA's contact details change, including the name of the responsible person, the physical or postal address and/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.
- 1.6 The Department reserves the right to monitor and audit the development throughout its full life cycle.
- 1.7 This EA does not negate the holder of the EA's responsibility to comply with any other statutory requirements that may be applicable to the undertaking of the activity.

**2. APPEAL OF AUTHORISATION**

- 2.1. The holder of the EA must notify all registered interested and affected party, in writing and within 12 (twelve) calendar days, of receiving notice of the Department's decision.
- 2.2. The notification referred must –
  - 2.2.1 specify the date on which the EA was issued;
  - 2.2.2 inform all the interested and affected party of the appeal procedure provided for in Chapter 7 of the Regulations;
  - 2.2.3 advise all the interested and affected party that a copy of the EA will be furnished on request; and
  - 2.2.4 give the reasons for the decision.



### 3. APPEAL PROCEDURE

- 3.1 An appellant (if the holder of the decision) must, within 20 (twenty) calendar days from the date the notification of the decision was sent to the holder by the Competent Authority;
- 3.2 An appellant (if NOT the holder of the decision) must, within 20 (twenty) calendar days from the date the holder of the decision sent notification of the decision to the registered I&APs, submit an appeal in accordance with Regulation 4 of the National Appeal Regulations 2014 (as amended) to the Appeal Administrator;
- 3.3 Submit an appeal in accordance with Regulation 4 of the National Appeal Regulations 2014 (as amended) to the Appeal Administrator; as follows:

Ms Aluwani Khorommbi

**Address:** 20 Hans van Rensburg Street, Evridiki Towers, POLOKWANE, 0700 -05- 7002

MEC Support Services

Tel: (015) 293 8523 | Fax: (015) 291 1168 | Mobile: 0835721721

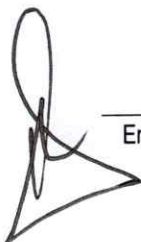
Web: [www.ledet.gov.za](http://www.ledet.gov.za)



- 3.4 Submit a copy of the appeal to any registered I&APs, any Organ of State with interest in the matter and the decision-maker i.e. the Department that issued the decision.

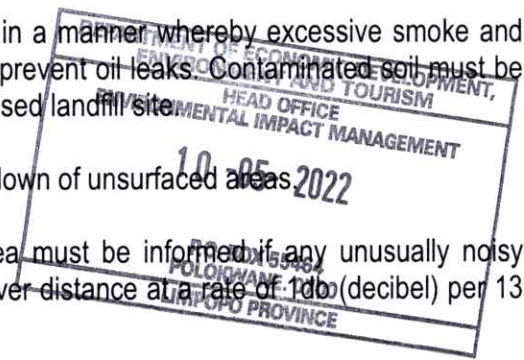
### 4. COMMENCEMENT OF THE DEVELOPMENT

- 4.1 In order to ensure their safety, all employees must be given the necessary personal protective equipment.
- 4.2 This EA must be provided to the site operator and the requirements thereof must be made fully known to him/her.
- 4.3 Appropriate notification signs must be erected at the construction site, warning the public (residents, visitors etc) about the hazards around the construction site and presence of heavy vehicles and machinery.
- 4.4 Hauling routes for construction vehicles and machinery must be clearly marked and appropriate signalling must be posted to that effect. Further, movement of construction vehicles and machinery must be restricted to areas outside of the drainage line/wet area.
- 4.5 Construction must include appropriate design measures that allow surface and subsurface movement of water along drainage lines so as not to impede natural surface and subsurface flows. Drainage measures must promote the dissipation of stormwater run-off.
- 4.6 Vegetation clearing must be kept to an absolute minimum. Mitigation measures must be implemented to reduce the risk of erosion and the invasion of alien species.
- 4.7 The holder of the EA must note that in terms of the National Forests Act (Act No. 84 of 1998); protected plant species (also listed in Limpopo Environmental Management Act, 2003 (Act No. 7 of 2003) must not be cut, disturbed, damaged, destroyed, and their product must not be possessed, collected, removed, transported, exported, donated, purchased or sold unless permission is granted by the Department of Forestry, Fisheries and the Environment (DFFE).





- 4.8 All construction areas (e. g. material lay down area), topsoil and sub-soils must be protected from contamination or pollution and stockpiling must not take place in drainage lines or where it would impede surface water runoff.
- 4.9 If any soil contamination is noted during the construction and operational phase of the proposed activities, the contaminated soil must be removed to a suitable waste disposal facility and the site must be rehabilitated to the satisfaction of this Department and the DWS. The opportunity for the on-site remediation and re-use of contaminated soil must be investigated prior to disposal and this Department must be informed in this regard.
- 4.10 Should infill material be required for any purpose, the use of borrow pits must comply with the provisions of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002) administered by the Department of Mineral Resources and Energy (DMRE).
- 4.11 An integrated waste management approach must be implemented that is based on waste minimisation and must incorporate avoidance, reduction, recycling, re-use and disposal where appropriate. Uncontaminated builders' rubble generated during the construction can be re-used as back filling material on site. Ensure that no refuse or builders rubble generated on the premises is placed, dumped or deposited on adjacent properties or public places and open spaces during or after construction.
- 4.12 Section 28 of the NEMA places a duty of care on the holder of the EA to ensure that reasonable measures are taken to prevent pollution or degradation of the environment from occurring, continuing or recurring. Should any environmental damage result from this development or the operation thereof, the holder of the EA, must within 14 days of the damage being caused, rectify the situation at his/her own expense.
- 4.13 Movement of construction vehicles and machinery must be restricted to areas outside of the drainage lines/wet area.
- 4.14 Construction vehicles must be serviced and maintained in a manner whereby excessive smoke and noise production is reduced to acceptable levels, and to prevent oil leaks. Contaminated soil must be remediated on site or removed to an appropriately authorised landfill site.
- 4.15 Dust and nuisance must be minimised through damping down of unsurfaced areas.
- 4.16 Residents (if any) on the property and surrounding area must be informed if any unusually noisy activities are planned. Noise impacts must be reduced over distance at a rate of 1db (decibel) per 13 metres.
- 4.17 Chemical sanitation facilities or systems such as "toilets" that do not rely on seepage of liquids must be provided with a ratio of one for every 15 workers. These must be placed such that they prevent spills or leaks to the environment and must be maintained according to operating instructions and the contents thereof must be disposed of at an authorised waste water treatment works.
- 4.18 Mixing of cement, concrete, paints, solvents, sealants and adhesive must be done in specified areas on concrete aprons or on protected plastic linings to contain spillage or overflows onto soil to avoid contamination to underground water and environmental damage.



A handwritten signature in black ink, located at the bottom left of the page, overlapping the text of item 4.18.

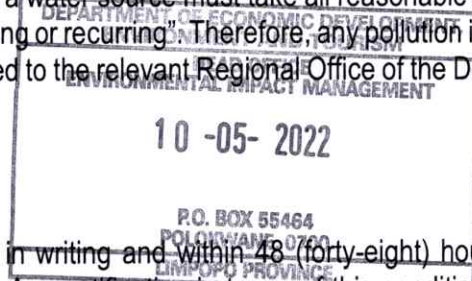
- 4.19 Construction activities must be suspended and a representative of the South African Heritage Resources Agency (SAHRA) and/ or Limpopo Heritage Resources Agency (LIHRA) be contacted immediately in the event of finding or uncovering any subterranean (middens, graves, etc.).
- 4.20 Care must be taken to ensure that the material and excavated soil required for backfilling are free of contamination from hydrocarbons.
- 4.21 The 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 should be cleaned immediately by removing the spillage together with the polluted solid and dispose it in an authorised disposal site permitted to dispose 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.

## 5. MANAGEMENT OF THE ACTIVITY

- 5.1 A copy of this EA must be kept at the property / on-site office where the activity (ies) will be undertaken. The EA must be produced to any authorised official of the Department who requests 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.
- 5.2 The contents of the EMPr and its objectives must be made known to all contractors, subcontractors, agents and other people working on the site, and any updates or amendments to the EMPr must be submitted to the Department for approval.
- 5.3 Regular monitoring and maintenance of storm water drainage facilities must be conducted at all times and repaired, if damaged, as directed by this Department or any other relevant authority.
- 5.4 The holder of the EA shall note that in terms of Section 19(1) of the National Water Act, 1998 (Act No. 36 of 1998), "An owner of the land, a person in control of land or a person who occupies or uses the land on which- (a) any activity or process is or was performed or undertaken; or (b) any other situation exists, which caused or is likely to cause pollution of a water source must take all reasonable measures to prevent any such pollution from occurring, continuing or recurring". Therefore, any pollution incident(s) associated with the proposed project shall be reported to the relevant Regional Office of the Department of Water and Sanitation within 24 hours.

## 6. REPORTING TO THE DEPARTMENT

- 6.1 The holder of the EA must notify the Department, in writing and within 48 (forty-eight) hours, if any condition of this EA cannot be or is not adhered to. Any notification in terms of this condition must be accompanied by reasons for the non-compliance. Non-compliance with a condition of this EA may result in criminal prosecution or other actions provided for in NEMA and the Regulations.
- 6.2 Fourteen (14) days written notice must be given to the Department that the activity's operational phase will commence. Commencement for the purposes of this condition includes site preparation.
- 6.3 The holder of the EA must notify the Department within thirty (30) days after the completion of the construction activities.



- 6.4 Any complaints received from the registered interested and affected parties (I&APs) during the construction and operational phase of the activity must be attended to as soon as possible and addressed to the satisfaction of all concerned I&APs.
- 6.5 The holder of the authorisation must ensure that an up to date emergency register is kept during the construction and operation of the project. This register must be made available upon request by the Department.

**7. SITE CLOSURE AND DECOMMISSIONING**



- 7.1 Should the activity ever cease or become redundant, the holder of EA shall undertake the required actions as prescribed by legislation at the time and comply with all relevant legal requirements administered by any relevant and competent authority at that time.

