



LIMPOPO

PROVINCIAL GOVERNMENT
REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF
ECONOMIC DEVELOPMENT, ENVIRONMENT & TOURISM

Ref No: 12/1/9/2-V120 Enq: Ms Gaffane MN Tel: (015) 293 8442 E-mail: GaffaneMN@ledet.gov.za

Makhado Local Municipality
Private Bag X2596
LOUIS TRICHARDT
0920

Attention: Mr RV Phalandwa

E-mail: rudzanip@makhado.gov.za

ENVIRONMENTAL AUTHORISATION FOR THE PROPOSED ESTABLISHMENT OF A TOWNSHIP ON THE REMAINDER OF PORTION 1 OF THE FARM NATURELLE LOKASIE 272 LS 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 : Evridiki 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,

DIRECTOR
ENVIRONMENTAL IMPACT MANAGEMENT
DATE: 28/03/2022

Cc: Mang Geoenviro Services



Attention: Mr Phakwago MK
E-mail: 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

YouTube [LimpopoLEDET](https://www.youtube.com/channel/UC...) [LimpopoLEDET](https://twitter.com/LimpopoLEDET) www.facebook.com/pages/LEDET [@LimpopoLEDET](https://www.instagram.com/LimpopoLEDET)

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LIMPOPO

PROVINCIAL GOVERNMENT
REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF
ECONOMIC DEVELOPMENT, ENVIRONMENT & TOURISM

ENVIRONMENTAL AUTHORISATION

PROJECT DESCRIPTION: PROPOSED ESTABLISHMENT OF A TOWNSHIP ON THE REMAINDER OF PORTION 1 OF THE FARM NATURELLE LOKASIE 272 LS WITHIN MAKHADO LOCAL MUNICIPALITY OF VHEMBE DISTRICT

Environmental Impact Assessment Process: Scoping and Environmental Impact Reporting

LEDET Reference	12/1/9/2-V120
NEAS Reference	LIM/EIA/0001332/2021
Amendments	None

Holder of Authorisation: Makhado Local Municipality

Address: Private Bag X2596
LOUIS TRICHARDT
0920

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

LOCATION OF ACTIVITY:

Local/nearest Area description	Location	District Municipality	Local Municipality
Tshikota Township	Remainder of portion 1 of the farm Naturelle Lokasie 272 LS	Vhembe	Makhado

GPS Coordinates

Point	Coordinates			
Centre	South	23°	03'	17.57"
	East	29°	52'	34.78"



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.

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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 1: R. 983 of 2014	Activity 28 – “Residential, mixed, retail, commercial, industrial or institutional developments where such land was used for agriculture, game farming, equestrian purposes or afforestation on or after 01 April 1998 and where such development will occur outside an urban area, where the total land to be developed is bigger than 1 hectare”.	Clearance of 28.5626 hectares of indigenous vegetation for township establishment for residential, business and institutional purposes.
Notice 2: R. 984 of 2014	Activity 15 – “The clearance of an area of 20 hectares or more of indigenous vegetation”.	Clearance of 28.5626 hectares of indigenous vegetation for township establishment consisting of 270 sites.

Associated activities:

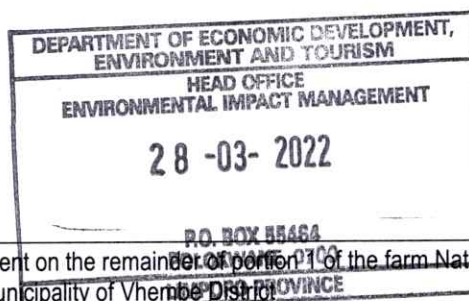
USE	NUMBER OF ERVEN	ERVEN HECTARES
Residential 1	260	14.487571
Business	1	0.173315
Education - crèche	1	0.164353
Public Open Space	8	9.383538
Streets		4.353861
TOTAL	270	28.5626

CONDITIONS

1. A buffer zone of 20m must be maintained between the 1:100 flood line and any proposed development.
2. Departmental Standard Conditions attached as Annexure 2 must be adhered to.
3. 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.

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 must 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: 28/03/2022



ANNEXURE 1: REASONS FOR THE DECISION

1. Environmental Assessment Practitioner

Names: Mr MK Phakwago

Company: Mang Geoenviron Services

Telephone Number/ Cell Number: 012 770 4022

E-mail: kabelo@manggeoenviron.co.za



2. Dates of receipt of information

Document	Application Form	Scoping Report	Environmental Impact Assessment Report
Date of receipt	Application form – 24/06/2021	Report for consultation – 05/08/2021 Report for Acceptance – 16/09/2021	EIAR for consultation – 25/10/2021 EIAR for decision – 28/01/2022
Date of acknowledgement of receipt	Application Form - 28/06/2021	Report for consultation – 28/06/2021 Report for Acceptance – 13/08/2021	Report for consultation – 05/11/2021 Report for decision 07/02/2022
Date of acceptance		16/09/2021	

3. List of specialist reports and other information:

Report description	Person (and Company) where applicable, who compiled the report and Date	Appendices
Biodiversity Report	Takalani Mudau of Mvedzo Environment and Safety Solutions (Pty) Ltd dated 24 August 2020	Appendix D
Heritage Impact Assessment Report	Mr J van der Walt of Heritage Contracts and Archaeological Consulting dated November 2020	Appendix D
Geotechnical Investigation Report	Mahlogonolo Magoro and reviewed by Lavhelesani Mavhetha of Mang Geoenviron dated November 2020	Appendix D
Bulk Engineering Services Report	Litmos Mthunzi of Dalimede Projects (Pty) Ltd dated November 2020	Appendix D
Electrical Services Report	Litmos Mthunzi of Dalimede Projects (Pty) Ltd dated November 2020	Appendix D
Palaeontological Impact Assessment Report	Prof Marion Bamford of University of Witwatersrand and subcontracted by Heritage Contracts and Archaeological Consulting dated 25 November 2020	Appendix D
Socio-Economic Impact Assessment Report	Ndwakhulu Vhuthali of Great Warthog Geo-Environmental dated 10 November 2020	Appendix D
Floodline Determination Report	Litmos Mthunzi of Dalimede Projects (Pty) Ltd dated November 2020	Appendix D

Floodline Certificate	Litmos Mthunzi of Dalimede Projects (Pty) Ltd dated 10 November 2020	Appendix D
Services Confirmation	Mr KM Nemaname of Makhado Municipality dated 18 October 2021	Appendix H

4. Key factors considered in making the decision

4.1 Public Participation

Name of newspaper: Limpopo Mirror

Date of advert in the newspaper: 30 April 2021

Site Notices:

- Placed on the borders of the proposed site and on the nearby building.

Notification of interested and affected parties about the development:

- A newspaper advertisement,
- Posting of on-sites; and
- Written notices.



4.2 Findings

Activity/Report	Finding
Biodiversity Report	<ul style="list-style-type: none"> The site is a favourable location for the proposed development, and there are no sensitive environmental features/ species identified on site.
Heritage Impact Assessment Report	<ul style="list-style-type: none"> The impact of the proposed development on heritage resources is considered to be low; and It is recommended that the existing cemetery should be avoided during construction.
Geotechnical Investigation Report	<ul style="list-style-type: none"> The site is suitable for the proposed development from a geotechnical perspective provided the recommendations in the report are adhered to.
Bulk Engineering Services Report	<ul style="list-style-type: none"> The proposed development will contribute towards improving service delivery of the area and general livelihood of the residents.
Electrical Services Report	<ul style="list-style-type: none"> It is recommended that the township can be connected from the existing network and implementation network must be installed according to Eskom distribution network standard.
Paleontological Report	<ul style="list-style-type: none"> Based on experience and the lack of any previously recorded fossils from the area, it is extremely unlikely that any fossils would be preserved in the aeolian sands of the quaternary.
Socio-Economic Impact Assessment Report	<ul style="list-style-type: none"> The development will result in economic growth of the local economy and decrease the unemployment numbers of Tshikota and the surrounding community.

Department of Economic Development, Environment and Tourism
 Environmental Authorisation Ref No: 12/1/9/2-V120

Floodline Determination Report	<ul style="list-style-type: none"> • The determination of the 1:100 return period floodlines was undertaken for the site of the proposed development; • The result of this determination provide an indication as to the extent of the areas that will be inundated by the 1:100 return design flood; and • It is recommended that a buffer zone of 20m should be provided between the 1:100 flood line and any proposed development.
Floodline Certificate	<ul style="list-style-type: none"> • The site is affected by floodwater within the 1:100 period from the stream/ river as indicated in the floodline report; • Development must be done outside of the floodline; and • It is recommended that a buffer zone of 20m should be provided between the 1:100 flood line and any proposed development.
Services Confirmation	<ul style="list-style-type: none"> • Makhado Local Municipality will be responsible for the provision of electricity, streets network and other connections as per the Municipality Integrated Development Plan Priority List; and • Water will also be provided with the help of Vhembe District Municipality as the water service authority.

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:

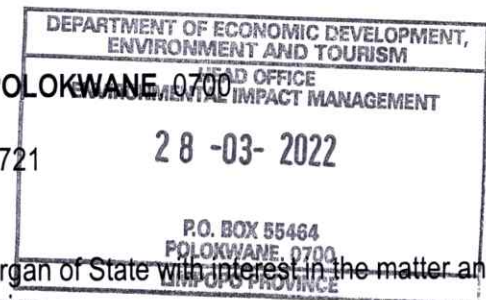
Ms Aluwani Khorommbi

Address: 20 Hans van Rensburg Street, Evridiki Towers, POLOKWANE, 0700

MEC Support Services

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

Web: www.ledet.gov.za

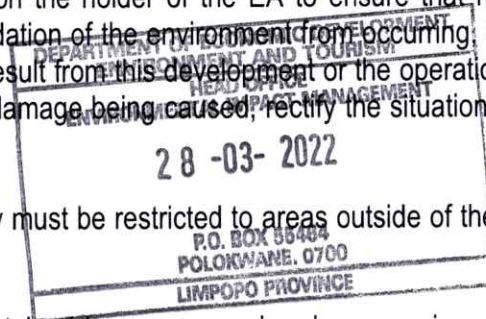


- 3.4 Submit a copy of the appeal to any registered I&APs, any Organ of State with interest in the matter and the decision-maker i.e. the Department that issued the decision.

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 Forest 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.



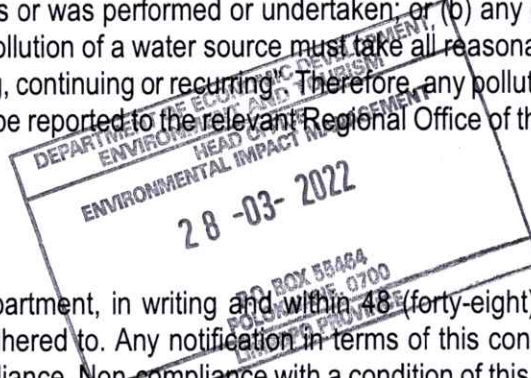
- 4.19 Construction activities must be suspended and a representative of the South African Heritage Resources Agency (SAHRA) and/ or Limpopo Heritage Resources Agency (LIHRA) be contacted immediately in the event of finding or uncovering any subterranean (middens, graves, etc.).
- 4.20 Care must be taken 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.

