



LIMPOPO

PROVINCIAL GOVERNMENT
REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF
ECONOMIC DEVELOPMENT, ENVIRONMENT & TOURISM

Ref: 12/1/9/3-V54 Enq: Mr Seshoka MP Tel: (015) 293 8569 E-mail: seshokamp@ledet.gov.za

Vodacom (Limpopo Region)
93 Biccard Street
POLOKWANE
0699

Attention: Mr Senoamadi T

E-mail: tumelo.senoamadi@vodacom.co.za

ENVIRONMENTAL AUTHORISATION FOR THE PROPOSED CONSTRUCTION OF A 30M HIGH LATTICE MAST AT NANDONI DAM ON THE REMAINDER OF THE FARM MPAPULI 278 MT WITHIN THULAMELA 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, 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 for 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, within 20 days of receiving this letter, by means of one of the following methods:

By facsimile : (015) 295 5792
By post : Private Bag X9484, **POLOKWANE**, 0700
By hand : Evridiki Towers, 20 Hans Van Rensburg Street/ 19 Biccard 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,

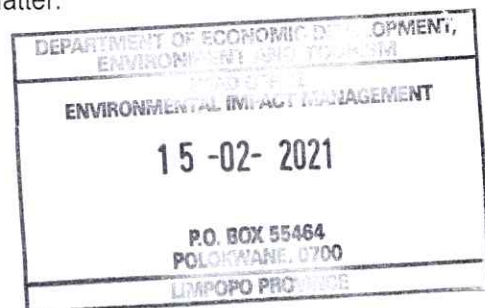
DIRECTOR
ENVIRONMENTAL IMPACT MANAGEMENT

DATE: 15/02/2021

Cc: Tekplan Environmental

Attention: Mr Combrink D

E-mail: tecoplan@mweb.co.za



HEAD OFFICE

20 Hans Van Rensburg Street / 19 Biccard Street, Polokwane, 0700, Private Bag X 9484, Polokwane, 0700
(Switchboard) Tel: +2715 293 8300/8303/8367 Website: www.ledet.gov.za

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LIMPOPO

PROVINCIAL GOVERNMENT
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DEPARTMENT OF
ECONOMIC DEVELOPMENT, ENVIRONMENT & TOURISM

ENVIRONMENTAL AUTHORISATION

Authorisation reference number:	12/1/9/3-V54
Last amended:	First issue
Holder of authorisation:	Vodacom (Limpopo Region)
Location of activity:	The proposed site is located on the premises of the Royal Gardens Leisure Park at Nandoni Dam, on the remainder of the farm Mpapuli 278 MT within Thulamela Local Municipality of Vhembe District.

DECISION

ACRONYMS

1. **NEMA:** National Environmental Management Act, 1998 (Act 107 of 1998), as amended.
2. **EIA:** Environmental Impact Assessment.
3. **Regulations:** EIA Regulations of 04 December 2014 in terms of Chapter 5 of NEMA.
4. **Department:** Department of Economic Development, Environment and Tourism.
5. **EA:** Environmental Authorisation.
6. **EMPr:** Environmental Management Programme.

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 should be authorised to undertake the activity specified below.

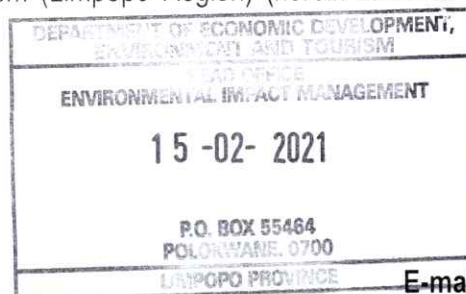
Details regarding the basis on which the Department reached this decision are set out in Annexure 1.

ACTIVITIES AUTHORISED

By virtue of the powers conferred on it by the NEMA and the EIA Regulations, 2014 the Department hereby authorises Vodacom (Limpopo Region) (herein referred to as holder of EA) with the following contact details -

Mr Senoamadi T
93 Biccard Street
POLOKWANE
0699

Cell: 082 909 6625



E-mail: tumelo.senoamadi@vodacom.co.za

HEAD OFFICE

20 Hans Van Rensburg Street / 19 Biccard Street, Polokwane, 0700, Private Bag X 9484, Polokwane, 0700
(Switchboard) Tel: +2715 293 8300/8303/8367 Website: www.ledet.gov.za

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to undertake the following activity: (hereafter referred to as "the activity"):

Listed in EIA Regulations R. 985 of 2014 as: -

Activity 3(e)(i)(ee) – "The development of masts or towers of any material or type used for telecommunication broadcasting or radio transmission purposes where the mast or tower is to be placed on site not previously used for this purpose and will exceed 15 metres in height but excluding attachments to existing buildings and masts on rooftops, in Limpopo, outside urban areas in critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans";

as described in the Basic Assessment Report (BAR) received by the Department on 14 December 2020 and is located at:

Alternative S1 (Preferred site)	Latitude	Longitude
The premises of the Royal Gardens Leisure Park at Nandoni Dam, on the remainder of the farm Mpapuli 278 MT	22° 58' 21.20" South	30° 35' 03.67" East

The proposed activity entails the construction of a 30m high lattice mast with associated equipment and a base station measuring approximately 8m X 8m (64m²) in extent, situated on the premises of the Royal Gardens Leisure Park at Nandoni Dam on the remainder of the farm Mpapuli 278 MT, within Thulamela Local Municipality of Vhembe District hereafter referred to as "the property".


The granting of this EA is subject to the conditions set out below, in Annexure 2 (Departmental Standard Conditions).

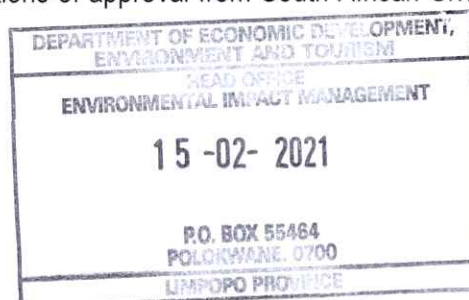
The EMPr attached as Appendix F to the BAR for the above development and submitted as part of the application for an EA is hereby approved and must be adhered to throughout the life cycle of the activities.

The proposed development must commence within a period of ten (10) years from the date when the EA was issued. If the activity does not commence within that period, the EA lapses and a new application for an EA must be made in order for the activity to be undertaken. Any application for extension of the validity period of the EA in respect to commencement of the proposed development must be lodged with the Department before the expiry date of the EA.

EA CONDITIONS

1. The telecommunication infrastructure must be built in such a manner that it will make provision for sharing with other network service providers.
2. The structure must be erected as per the conditions of approval from South African Civil Aviation Authority (SACAA).


DIRECTOR
ENVIRONMENTAL IMPACT MANAGEMENT
DATE: 15/02/2021



ANNEXURE 1: REASONS FOR THE DECISION

1. Background

The application from Vodacom is for an EA for an activity listed in EIA Regulations of 2014 as:

Listed in EIA Regulations R. 985 of 2014 as:

Activity 3(e)(i)(ee) – “The development of masts or towers of any material or type used for telecommunication broadcasting or radio transmission purposes where the mast or tower is to be placed on site not previously used for this purpose and will exceed 15 metres in height but excluding attachments to existing buildings and masts on rooftops, in Limpopo, outside urban areas in critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans”.

The proposed activity entails the construction of a 30m high lattice mast situated on the premises of the Royal Gardens Leisure Park at Nandoni Dam, on the remainder of the farm Mpapuli 278 MT, within Thulamela Local Municipality of Vhembe District.

Vodacom appointed Mr Combrink D of Tekplan Environmental to undertake the Basic Assessment process as required by regulation 12 of the EIA Regulations, 2014.

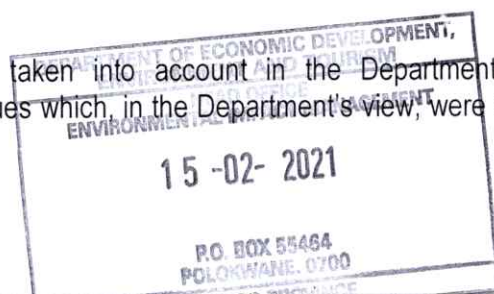
2. Information considered in making the decision

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

- a) The information contained in the application form received by the Department on 08 October 2020;
- b) The information contained in the BAR received by the Department on 14 December 2020;
- c) The objectives and requirements of relevant legislation, policies and guidelines, including section 2 of the NEMA and Regulation 41 of the EIA Regulations R. 982 of 2014;
- d) Heritage Impact Assessment Report attached as Appendix D to the BAR;
- e) The approval letter from the South African Civil Aviation Authority dated 27 September 2019 and attached to the BAR;
- f) The Landowner consent letter from the Range Edge Trading and Projects dated 17 August 2020 and attached to the BAR; and
- g) The findings of site visit conducted on 19 October 2020 by Ms Mogashoa MS of this Department.

3. Key factors considered in making the decision

All information presented to the Department was taken into account in 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.

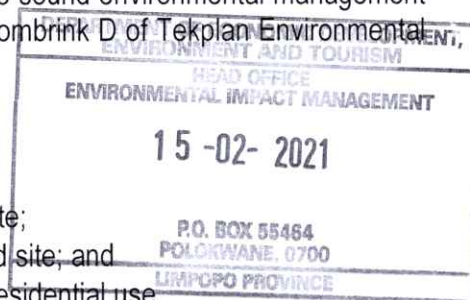


- a) A sufficient Public Participation Process (PPP) was undertaken and the applicant has satisfied the minimum requirements as prescribed in the Chapter 6 of the EIA Regulations GNR. 982 of 2014 for public involvement; and
- b) The environmental impacts associated with the proposed activity will be addressed by the implementation of proposed mitigation measures outlined in the BAR compiled by Mr Combrink D of Tekplan Environmental.

4. Findings

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

- a) All environmental issues identified and commitments to sound environmental management which are incorporated in the EMPr compiled by Mr Combrink D of Tekplan Environmental will be used to avoid potential negative impacts.
- b) Findings of the site visit undertaken are as follows:
 - The electricity is available in the vicinity of the site;
 - There is an existing access road to the proposed site; and
 - The surrounding land uses include lodges and residential use.
- c) The PPP undertaken confirms that the applicant has satisfied the minimum requirements as prescribed in the Chapter 6 of the EIA Regulations GNR. 982 of 2014 for the involvement of interested and affected parties for the proposed development as follows:
 - A newspaper advertisement was placed in “Limpopo Mirror” on 28 August 2020;
 - Site notices were placed on the proposed development site; and
 - The Interested and Affected Parties were notified, consulted and no objections against the development were received.
- d) Findings of the specialist studies are as follows:
 - The Heritage Impact Assessment Report dated 26 January 2021 and compiled by Van der Walt J of HCAC Heritage Consultants indicates that the site is suitable for the construction of the mast and no archaeological site or artefacts of significance was recorded during the survey.
- e) The South African Civil Aviation Authority approved the proposed development with night markings; and
- f) The Range Edge Trading and Projects gave consent to the applicant to undertake the proposed activity.



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

ANNEXURE 2

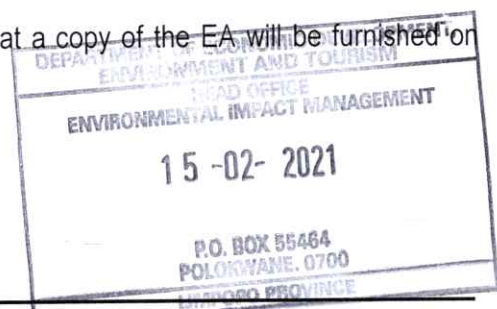
DEPARTMENTAL STANDARD CONDITIONS

1. SCOPE OF AUTHORISATION

- 1.1 The holder of the EA shall be responsible for ensuring compliance with the conditions contained in 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 further request additional 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 The Department reserves the right to monitor and audit the development throughout its full life cycle.
- 1.6 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.

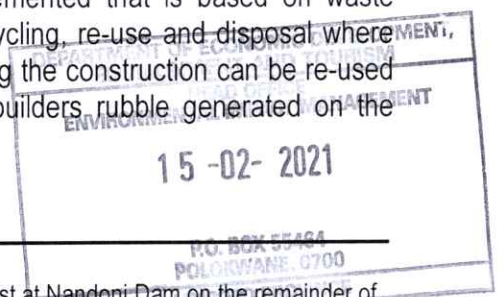
2. APPEAL OF AUTHORISATION

- 2.1 The holder of the EA must notify all registered interested and affected party, in writing and within 14 (fourteen) 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 the National Appeals Regulations, 2014;
- 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.

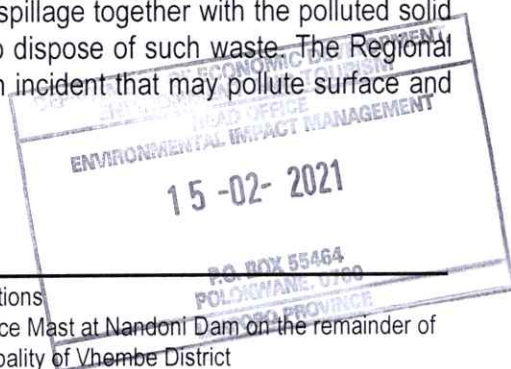


3. COMMENCEMENT OF THE DEVELOPMENT

- 3.1 In order to ensure their safety, all employees must be given the necessary personal protective equipment.
- 3.2 This EA must be provided to the site operator and the requirements thereof must be made fully known to him/her.
- 3.3 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.
- 3.4 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.
- 3.5 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.
- 3.6 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.
- 3.7 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 Agriculture, Forestry and Fisheries.
- 3.8 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.
- 3.9 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 Department of Water and Sanitation (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.
- 3.10 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 (DMR).
- 3.11 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.
- 3.12 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.
- 3.13 Movement of construction vehicles and machinery must be restricted to areas outside of the drainage lines/wet area.
- 3.14 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.
- 3.15 Dust and nuisance must be minimised through damping down of unsurfaced areas.
- 3.16 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.
- 3.17 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.
- 3.18 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.
- 3.19 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.).
- 3.20 Care must be taken to ensure that the material and excavated soil required for backfilling are free of contamination from hydrocarbons.
- 3.21 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 DWS must be notified within 24 hours of an incident that may pollute surface and ground water.

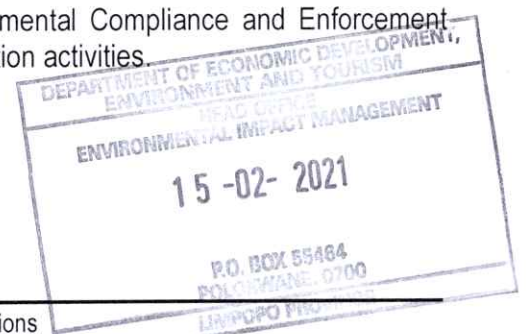


4. MANAGEMENT OF THE ACTIVITY

- 4.1 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.
- 4.2 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.
- 4.3 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.
- 4.4 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 DWS within 24 hours.

5. REPORTING TO THE DEPARTMENT

- 5.1 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.
- 5.2 Fourteen (14) days written notice must be given to the Director: Environmental Compliance and Enforcement that the activity's operational phase will commence. Commencement for the purposes of this condition includes site preparation.
- 5.3 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.
- 5.4 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.
- 5.5 The holder of the EA must notify the Director: Environmental Compliance and Enforcement within thirty (30) days after the completion of the construction activities.



6. SITE CLOSURE AND DECOMMISSIONING

- 6.1 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.

