



# LIMPOPO

PROVINCIAL GOVERNMENT  
REPUBLIC OF SOUTH AFRICA

## DEPARTMENT OF ECONOMIC DEVELOPMENT, ENVIRONMENT & TOURISM BASIC ASSESSMENT REPORT - EIA REGULATIONS, 2014

Basic Assessment report in terms of the Environmental Impact Assessment Regulations, 2014, promulgated in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended.

**File Reference Number:**

**NEAS Reference Number:**

**Date Received:**

**Due date for acknowledgement:**

**Due date for acceptance:**

**Due date for decision**

(For official use only)


**Kindly note that:**

1. The report must be compiled by an independent Environmental Assessment Practitioner.
2. The report must be typed within the spaces provided in the form. The size of the spaces provided is not necessarily indicative of the amount of information to be provided. The report is in the form of a table that can extend itself as each space is filled with typing.
3. Where applicable **tick** the boxes that are applicable in the report.
4. The use of "not applicable" in the report must be done with circumspection because if it is used in respect of material information that is required by the Department of Economic Development, Environment and Tourism as the competent authority (Department) for assessing the application, it may result in the rejection of the application as provided for in the regulations.
5. An incomplete report may be returned to the applicant for revision.
6. Unless protected by law, all information in the report will become public information on receipt by the department. Any interested and affected party should be provided with the information contained in this report on request, during any stage of the application process.

7. The Act means the National Environmental Management Act (No. 107 of 1998) as amended.
8. Regulations refer to Environmental Impact Assessment (EIA) Regulations of 2014.
9. The Department may require that for specified types of activities in defined situations only parts of this report need to be completed. No faxed or e-mailed reports will be accepted.
10. This application form must be handed in at the offices of the Department of Economic Development, Environment and Tourism:-

<p><b><u>Postal Address:</u></b></p> <p>Central Administration Office  Environmental Impact Management  P. O. Box 55464  <b>POLOKWANE</b>  0700</p>	<p><b><u>Physical Address:</u></b></p> <p>Central Administration Office  Environmental Affairs Building  20 Hans Van Rensburg Street / 19 Biccard Street  <b>POLOKWANE</b>  0699</p>
<p><b>Queries should be directed to the Central Administration Office: Environmental Impact Management:-</b></p> <p><b>For attention:</b> Mr E. V. Maluleke  <b>Mobile:</b> 082 947 7755  <b>Email:</b> <a href="mailto:malulekeev@ledet.gov.za">malulekeev@ledet.gov.za</a></p>	

View the Department's website at <http://www.ledet.gov.za/> for the latest version of the documents.

## SECTION A: ACTIVITY INFORMATION

Has a specialist been consulted to assist with the completion of this section?

YES	NO
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If YES, please complete the form entitled “Details of specialist and declaration of interest” or appointment of a specialist for each specialist thus appointed:

Any specialist reports must be contained in Appendix D.

### 1. ACTIVITY DESCRIPTION

Describe the activity, which is being applied for, in detail<sup>1</sup>:

Mang Geoenviro Services has been appointed by Ngoti Development Consultants on behalf of Makhado Local Municipality as an Independent Environmental Assessment Practitioners (EAP) to undertake a Basic Assessment Process for the proposed extension of the Tshikota cemetery site on the remainder of the farm Naturelle Lokasie 272-LS under the jurisdiction of Makhado Local Municipality in Limpopo Province.

The proposed project entails clearing and preparing an extent area of approximately 3.1879 hectares for the extension of an existing Tshikota cemetery site with approximately 3815 graves which will include the following:

- 1171 x Children’s graves
- 2196 x Adult’s graves
- 448 x Paupa’s graves
- High Mast lights
- Trees

### 2. FEASIBLE AND REASONABLE ALTERNATIVES

“**alternatives**”, in relation to a proposed activity, means different means of meeting the general purpose and requirements of the activity, which may include alternatives to—

- (a) the property on which or location where it is proposed to undertake the activity;

The current preferred location is ideal as it is within the vicinity of an existing cemetery (Tshikota cemetery) which are located east side from the proposed development site. The site is therefore easily accessible to the surrounding community. This is the only location alternative that will be considered in this Basic Assessment Report.

<sup>1</sup> Please note that this description should not be a verbatim repetition of the listed activity as contained in the relevant Government Notice, but should be a brief description of activities to be undertaken as per the project description.

(b) the type of activity to be undertaken;

The current preferred activity is deemed to be the only feasible activity alternative as this activity will result in provision of burial sites for local people.

(c) the design or layout of the activity;

The layout will not have a high impact on the environment, as long as it complies with criteria listed in this report as well as an EMPr .

(d) the technology to be used in the activity;

The proposed development will be under controlled conditions and it is not expected to have negative effects on the quality of the environment. All the mitigation measures are provided in the Environmental Management Plan

(e) the operational aspects of the activity; and

The operational aspects of the activity relate to adequate access for burial purposes for the local community. No other alternatives were deemed feasible other than the proposed activity.

(f) the option of not implementing the activity.

It is mandatory to consider the “no-go” option in the EIA process. The “no-go” alternative refers to the current status quo and the risks and impacts associated with it. Some existing activities may carry risks and may be undesirable.

Describe alternatives that are considered in this application. Alternatives should include a consideration of all possible means by which the purpose and need of the proposed activity could be accomplished in the specific instance taking account of the interest of the applicant in the activity. The no-go alternative must in all cases be included in the assessment phase as the baseline against which the impacts of the other alternatives are assessed. The determination of whether site or activity (including different processes etc.) or both is appropriate needs to be informed by the specific circumstances of the activity and its environment. After receipt of this report the Department may also request the applicant to assess additional alternatives that could possibly accomplish the purpose and need of the proposed activity if it is clear that realistic alternatives have not been considered to a reasonable extent.

**Paragraphs 3 – 13 below should be completed for each alternative.**

### 3. ACTIVITY POSITION

Indicate the position of the activity using the latitude and longitude of the centre point of the site for each alternative site. The co-ordinates should be in degrees, minutes and seconds. The projection that must be used in all cases is the Hartebeeshoek 94 WGS84 spheroid in a national or local projection.

List alternative sites, if applicable.

**Latitude (S):**

**Alternative:**

**Longitude (E):**

Alternative S1<sup>2</sup> (preferred or only site alternative)

Alternative S2 (if any)

Alternative S3 (if any)

23°	3'	39.10"	29°	52'	31.01"
°	'	"	°	'	"
°	'	"	°	'	"

**In the case of linear activities:**

**Alternative:**

**Latitude (S):**

**Longitude (E):**

Alternative S1 (preferred or only route alternative)

- Starting point of the activity
- Middle/Additional point of the activity
- End point of the activity

°	'	"	°	'	"
°	'	"	°	'	"
°	'	"	°	'	"

Alternative S2 (if any)

- Starting point of the activity
- Middle/Additional point of the activity
- End point of the activity

°	'	"	°	'	"
°	'	"	°	'	"
°	'	"	°	'	"

Alternative S3 (if any)

- Starting point of the activity
- Middle/Additional point of the activity
- End point of the activity

°	'	"	°	'	"
°	'	"	°	'	"
°	'	"	°	'	"



Figure 1: Locality map of the proposed development site

<sup>2</sup> "Alternative S.." refer to site alternatives.

For route alternatives that are longer than 500m, please provide an addendum with co-ordinates taken every 250 meters along the route for each alternative alignment.

**4. PHYSICAL SIZE OF THE ACTIVITY**

Indicate the physical size of the preferred activity/technology as well as alternative activities/technologies (footprints):

**Alternative:**

Alternative A1<sup>3</sup> (preferred activity alternative)

Alternative A2 (if any)

Alternative A3 (if any)

**Size of the activity:**

3.1879 Hectares
m <sup>2</sup>
m <sup>2</sup>

or,

for linear activities:

**Alternative:**

Alternative A1 (preferred activity alternative)

Alternative A2 (if any)

Alternative A3 (if any)

**Length of the activity:**

m
m
m

Indicate the size of the alternative sites or servitudes (within which the above footprints will occur):

**Size of the site/servitude:**

**Alternative:**

Alternative A1 (preferred activity alternative)

Alternative A2 (if any)

Alternative A3 (if any)

m <sup>2</sup>
m <sup>2</sup>
m <sup>2</sup>

**5. SITE ACCESS**

**Does ready access to the site exist?**

YES	NO
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**If NO, what is the distance over which a new access road will be built**

m
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**Describe the type of access road planned:**

The proposed development site will be accessed through the unnamed road in Tshikota township.

<sup>3</sup> "Alternative A.." refer to activity, process, technology or other alternatives.

Include the position of the access road on the site plan and required map, as well as an indication of the road in relation to the site.

## **6. SITE OR ROUTE PLAN**

A detailed site or route plan(s) must be prepared for each alternative site or alternative activity. It must be attached as Appendix A to this document.

The site or route plans must indicate the following:

- 6.1 the scale of the plan which must be at least a scale of 1:500;
- 6.2 the property boundaries and numbers of all the properties within 50 metres of the site;
- 6.3 the current land use as well as the land use zoning of each of the properties adjoining the site or sites;
- 6.4 the exact position of each element of the application as well as any other structures on the site;
- 6.5 the position of services, including electricity supply cables (indicate above or underground), water supply pipelines, boreholes, street lights, sewage pipelines, storm water infrastructure and telecommunication infrastructure;
- 6.6 all trees and shrubs taller than 1.8 metres;
- 6.7 walls and fencing including details of the height and construction material;
- 6.8 servitudes indicating the purpose of the servitude;
- 6.9 sensitive environmental elements within 100 metres of the site or sites including (but not limited thereto):
  - rivers;
  - the 1:100 year flood line (where available or where it is required by Department of Water Affairs);
  - ridges;
  - cultural and historical features;
  - areas with indigenous vegetation (even if it is degraded or invested with alien species);
- 6.10 for gentle slopes the 1 metre contour intervals must be indicated on the plan and whenever the slope of the site exceeds 1:10, the 500mm contours must be indicated on the plan; and
- 6.11 the positions from where photographs of the site were taken.

## **7. SITE PHOTOGRAPHS**

Colour photographs from the centre of the site must be taken in at least the eight major compass directions with a description of each photograph. Photographs must be attached under Appendix B to this form. It must be supplemented with additional photographs of relevant features on the site, if applicable.

Please refer to Appendix B.

## **8. FACILITY ILLUSTRATION**

A detailed illustration of the activity must be provided at a scale of 1:200 as Appendix C for activities that include structures. The illustrations must be to scale and must represent a realistic image of the planned activity. The illustration must give a representative view of the activity.

## 11. ACTIVITY MOTIVATION

### 9(a) Socio-economic value of the activity

What is the expected capital value of the activity on completion?

R500 000.00

What is the expected yearly income that will be generated by or as a result of the activity?

R100 000.00

Will the activity contribute to service infrastructure?

YES	NO
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Is the activity a public amenity?

YES	NO
-----	----

How many new employment opportunities will be created in the development phase of the activity?

10

What is the expected value of the employment opportunities during the development phase?

R200 000.00

What percentage of this will accrue to previously disadvantaged individuals?

10%

How many permanent new employment opportunities will be created during the operational phase of the activity?

4

What is the expected current value of the employment opportunities during the first 10 years?

R900 000.00

What percentage of this will accrue to previously disadvantaged individuals?

20%

### 9(b) Need and desirability of the activity

Motivate and explain the need and desirability of the activity (including demand for the activity):

NEED:			
i.	Was the relevant municipality involved in the application?	YES	NO
ii.	Does the proposed land use fall within the municipal Integrated Development Plan?	YES	NO
iii.	If the answer to questions 1 and / or 2 was NO, please provide further motivation / explanation:		

DESIRABILITY:			
i.	Does the proposed land use / development fit the surrounding area?	YES	NO
ii.	Does the proposed land use / development conform to the relevant structure plans, Spatial development Framework, Land Use Management Scheme, and planning visions for the area?	YES	NO
iii.	Will the benefits of the proposed land use / development outweigh the negative impacts of it?	YES	NO
iv.	If the answer to any of the questions 1-3 was NO, please provide further motivation / explanation:		



v.	Will the proposed land use / development impact on the sense of place?	YES	NO
vi.	Will the proposed land use / development set a precedent?	YES	NO
vii.	Will any person's rights be affected by the proposed land use / development?	YES	NO
viii.	Will the proposed land use / development compromise the "urban edge"?	YES	NO
ix.	If the answer to any of the question 5-8 was YES, please provide further motivation / explanation.		

<b>BENEFITS:</b>			
i.	Will the land use / development have any benefits for society in general?	YES	NO
ii.	Explain: the proposed extension of the Tshikota cemetery site will have direct benefit to the society during operational phase. It will provide the local community with more space for burial purposes.		
iii.	Will the land use / development have any benefits for the local communities where it will be located?	YES	NO
iv.	Explain: According to the Makhado Local Municipality IDP, the municipality has the intension of providing the local communities with accessible basic and infrastructure services and as part of its short term strategy, the municipality intends to develop and maintain cemetery sites.		

## 10. APPLICABLE LEGISLATION, POLICIES AND/OR GUIDELINES

List all legislation, policies and/or guidelines of any sphere of government that are applicable to the application as contemplated in the EIA regulations, if applicable:

<b>Title of legislation, policy or guideline:</b>	<b>Administering authority:</b>	<b>Date:</b>
National Environmental Management Act, 1998 (Act No.107 of 1998) Environmental Impact Assessment (EIA) Regulations and associated Listing Notices.	National Department of Environmental Affairs and all Provinces.	2014 as amended
National Environmental Management: Air Quality Act, 2004 (Act No.39 of 2004).	DEA, Provinces and Municipalities	2004
National Environmental Management: Biodiversity Act, 2004 (Act No. 10 of 2004)	National Department of Environmental Affairs.	2004

National Environmental Management: Protected Areas Act, 2003 (Act No. 57 of 2003)	National Department of Environmental Affairs	2003
National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008)	National Department of Environmental Affairs and all Provinces.	2008
The National Water Act, 1998 (Act No. 36 of 1998)	National Department of Water and Sanitation	1998
The National Heritage Resources Act, 1999 (Act 25 of 1999) (NHRA)	National Department of Arts and Culture	1999
The Conservation of Agricultural Resources Act, 1983 (Act No. 43 of 1983)	National Department of Agriculture, Forestry and Fisheries	1983
The Development Facilitation Act, 1995 (Act 67 of 1995)	National Department of Rural Development and Land Reform	1995
Makhado Integrated Development Plan	Makhado Local Municipality	2022/23

## 11. WASTE, EFFLUENT, EMISSION AND NOISE MANAGEMENT

### 11(a) Solid waste management

Will the activity produce solid construction waste during the construction/initiation phase?

YES	NO
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If yes, what estimated quantity will be produced per month?

The amount of waste will be known and made available during the construction phase.
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How will the construction solid waste be disposed of (describe)?

All solid waste generated during the construction phase will be placed in bulk and disposed of at a registered landfill site. Separation of waste and recycling of paper, glass, cardboards, etc. must be a priority. There will be no burning of waste and construction materials that will not be used will be taken out once construction comes to an end.

Where will the construction solid waste be disposed of (describe)?

All construction solid waste will be disposed of at a nearest registered landfill site.

Will the activity produce solid waste during its operational phase?

YES	NO
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If yes, what estimated quantity will be produced per month?

10 m <sup>3</sup>
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How will the solid waste be disposed of (describe)?

Different kinds of waste will be produced during the operational phase of the residential, business, church and institutional facilities of which none of the waste will be of magnitude concern. The solid waste will consist of general refuse (litter) generated by the local residents. The local municipality will have to be engaged to provide bulk bins, refuse bags and refuse removal services for the proposed.

Where will the solid waste be disposed if it does not feed into a municipal waste stream (describe)?

All construction solid waste will be disposed of at a nearest registered landfill site.

If the solid waste (construction or operational phases) will not be disposed of in a registered landfill site or be taken up in a municipal waste stream, then the applicant should consult with the department to determine whether it is necessary to change to an application for scoping and EIA.

Can any part of the solid waste be classified as hazardous in terms of the relevant legislation?

YES NO

If yes, inform the department and request a change to an application for scoping and EIA.

Is the activity that is being applied for a solid waste handling or treatment facility?

YES NO

If yes, then the applicant should consult with the Department to determine whether it is necessary to change to an application for scoping and EIA.

### 11(b) Liquid effluent

Will the activity produce effluent, other than normal sewage, that will be disposed of in a municipal sewage system?

YES NO

If yes, what estimated quantity will be produced per month?

m<sup>3</sup>

Will the activity produce any effluent that will be treated and/or disposed of on site?

Yes NO

If yes, the applicant should consult with the Department to determine whether it is necessary to change to an application for scoping and EIA.

Will the activity produce effluent that will be treated and/or disposed of at another facility?

YES NO

If yes, provide the particulars of the facility:

Facility name:	Not Applicable		
Contact person:	Not Applicable		
Postal address:	Not Applicable		
Postal code:	Not Applicable		
Telephone:	Not Applicable	Cell:	Not Applicable
E-mail:	Not Applicable	Fax:	Not Applicable

Describe the measures that will be taken to ensure the optimal reuse or recycling of waste water, if any:

Not Applicable

### 11(c) Emissions into the atmosphere

Will the activity release emissions into the atmosphere?

YES NO

If yes, is it controlled by any legislation of any sphere of government?

YES	NO
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If yes, the applicant should consult with the competent authority to determine whether it is necessary to change to an application for scoping and EIA.

If no, describe the emissions in terms of type and concentration:

Dust from digging of the graves. We therefore suggest that a detailed Air Quality Study would not be necessary.

#### 11(d) Generation of noise

Will the activity generate noise?

YES	NO
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If yes, is it controlled by any legislation of any sphere of government?

YES	NO
-----	----

If yes, the applicant should consult with the competent authority to determine whether it is necessary to change to an application for scoping and EIA.

If no, describe the noise in terms of type and level:

General construction and operational noise.

#### 12. WATER USE

Please indicate the source(s) of water that will be used for the activity by ticking the appropriate box(es)

<input checked="" type="checkbox"/> municipal	<input type="checkbox"/> water board	<input type="checkbox"/> groundwater	<input type="checkbox"/> river, stream, dam or lake	<input type="checkbox"/> other	<input type="checkbox"/> the activity will not use water
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If water is to be extracted from groundwater, river, stream, dam, lake or any other natural feature, please indicate

the volume that will be extracted per month:

	Litres
YES	NO

Does the activity require a water use permit from the Department of Water Affairs?

If yes, please submit the necessary application to the Department of Water Affairs and attach proof thereof to this application if it has been submitted.

#### 13. ENERGY EFFICIENCY

Describe the design measures, if any, that have been taken to ensure that the activity is energy efficient:

The activity is for expansion of a cemetery site; therefore, the use of energy will not be required.

Describe how alternative energy sources have been taken into account or been built into the design of the activity, if any:

The activity does not require any use of energy.

## SECTION B: SITE/AREA/PROPERTY DESCRIPTION

### Important notes:

1. For linear activities (pipelines, etc) as well as activities that cover very large sites, it may be necessary to complete this section for each part of the site that has a significantly different environment. In such cases please complete copies of Section C and indicate the area, which is covered by each copy No. on the Site Plan.

Section C Copy No.   
(e.g. A):

2. Paragraphs 1 - 6 below must be completed for each alternative.

3. Has a specialist been consulted to assist with the completion of this section? 

YES	NO
-----	----

If YES, please complete the form entitled "Details of specialist and declaration of interest" for each specialist thus appointed:

All specialist reports must be contained in Appendix D.

Property description/physical address: 

The remainder of the farm Naturelle Lokasie 272-LS
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(Farm name, portion etc.) Where a large number of properties are involved (e.g. linear activities), please attach a full list to this application.


In instances where there is more than one town or district involved, please attach a list of towns or districts to this application.

Current land-use zoning: 

Agricultural
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In instances where there is more than one current land-use zoning, please attach a list of current land use zonings that also indicate which portions each use pertains to this application.

Is a change of land-use or a consent use application required? 

YES	NO
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Must a building plan be submitted to the local authority? 

YES	NO
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Locality map:

An A3 locality map must be attached to the back of this document, as Appendix A. The scale of the locality map must be relevant to the size of the development (at least 1:50 000. For linear activities of more than 25 kilometres, a smaller scale e.g. 1:250 000 can be used. The scale must be indicated on the map.) The map must indicate the following:

- an indication of the project site position as well as the positions of the alternative sites, if any;
- road access from all major roads in the area;
- road names or numbers of all major roads as well as the roads that provide access to the site(s);
- all roads within a 1km radius of the site or alternative sites; and
- a north arrow;
- a legend; and
- locality GPS co-ordinates (Indicate the position of the activity using the latitude and longitude of the centre point of the site for each alternative site. The co-ordinates should be in degrees, minutes and seconds. The projection that must be used in all cases is the WGS84 spheroid in a national or local projection)

## 1. GRADIENT OF THE SITE

Indicate the general gradient of the site.

Alternative S1:

Flat	1:50 – 1:20	1:20 – 1:15	1:15 – 1:10	1:10 – 1:7,5	1:7,5 – 1:5	Steeper than 1:5
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Alternative S2 (if any):

Flat	1:50 – 1:20	1:20 – 1:15	1:15 – 1:10	1:10 – 1:7,5	1:7,5 – 1:5	Steeper than 1:5
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Alternative S3 (if any):

Flat	1:50 – 1:20	1:20 – 1:15	1:15 – 1:10	1:10 – 1:7,5	1:7,5 – 1:5	Steeper than 1:5
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## 2. LOCATION IN LANDSCAPE

Indicate the landform(s) that best describes the site:

2.1 Ridgeline		2.6 Plain	
2.2 Plateau		2.7 Undulating plain / low hills	
2.3 Side slope of hill/mountain		2.8 Dune	
2.4 Closed valley		2.9 Seafront	
2.5 Open valley	x		

## 3. GROUNDWATER, SOIL AND GEOLOGICAL STABILITY OF THE SITE

Is the site(s) located on any of the following (tick the appropriate boxes)?

	Alternative S1:		Alternative S2 (if any):		Alternative S3 (if any):	
Shallow water table (less than 1.5m deep)	YES	NO	YES	NO	YES	NO
Dolomite, sinkhole or doline areas	YES	NO	YES	NO	YES	NO
Seasonally wet soils (often close to water bodies)	YES	NO	YES	NO	YES	NO
Unstable rocky slopes or steep slopes with loose soil	YES	NO	YES	NO	YES	NO
Dispersive soils (soils that dissolve in water)	YES	NO	YES	NO	YES	NO
Soils with high clay content (clay fraction more than 40%)	YES	NO	YES	NO	YES	NO
Any other unstable soil or geological feature	YES	NO	YES	NO	YES	NO
An area sensitive to erosion	YES	NO	YES	NO	YES	NO

If you are unsure about any of the above or if you are concerned that any of the above aspects may be an issue of concern in the application, an appropriate specialist should be appointed to assist in the completion of this section. (Information in respect of the above will often be available as part of the project information or at the planning sections of local authorities. Where it exists, the 1:50 000 scale Regional Geotechnical Maps prepared by the Council for Geo Science may also be consulted).

#### 4. GROUND COVER

Indicate the types of groundcover present on the site:

The location of all identified rare or endangered species or other elements should be accurately indicated on the site plan(s).

Natural veld - good condition <sup>E</sup>	Natural veld with scattered aliens <sup>E</sup>	Natural veld with heavy alien infestation <sup>E</sup>	Veld dominated by alien species <sup>E</sup>	Gardens
Sport field	Cultivated land	Paved surface	Building or other structure	Bare soil

If any of the boxes marked with an "E" is ticked, please consult an appropriate specialist to assist in the completion of this section if the environmental assessment practitioner doesn't have the necessary expertise.

#### 5. LAND USE CHARACTER OF SURROUNDING AREA

Indicate land uses and/or prominent features that does currently occur within a 500m radius of the site and give description of how this influences the application or may be impacted upon by the application:

5.1 Natural area	x	5.22 School	
5.2 Low density residential	x	5.23 Tertiary education facility	
5.3 Medium density residential		5.24 Church	
5.4 High density residential		5.25 Old age home	
5.5 Medium industrial <sup>AN</sup>		5.26 Museum	
5.6 Office/consulting room		5.27 Historical building	
5.7 Military or police base/station/compound		5.28 Protected Area	
5.8 Spoil heap or slimes dam <sup>A</sup>		5.29 Sewage treatment plant <sup>A</sup>	
5.9 Light industrial		5.30 Train station or shunting yard <sup>N</sup>	
5.10 Heavy industrial <sup>AN</sup>		5.31 Railway line <sup>N</sup>	
5.11 Power station		5.32 Major road (4 lanes or more)	
5.12 Sport facilities		5.33 Airport <sup>N</sup>	x
5.13 Golf course		5.34 Harbour	
5.14 Polo fields		5.35 Quarry, sand or borrow pit	
5.15 Filling station <sup>H</sup>		5.36 Hospital/medical centre	
5.16 Landfill or waste treatment site		5.37 River, stream or wetland	
5.17 Plantation		5.38 Nature conservation area	
5.18 Agriculture		5.39 Mountain, koppie or ridge	
5.19 Archaeological site		5.40 Graveyard	x
5.20 Quarry, sand or borrow pit		5.41 River, stream or wetland	
5.21 Dam or Reservoir		5.42 Other land uses (describe)	

If any of the boxes marked with an "N" are ticked, how will this impact / be impacted upon by the proposed activity?

There is an airstrip within the 500m radius; however, it will not be affected by the proposed extension of the cemetery site.

If any of the boxes marked with an "An" are ticked, how will this impact / be impacted upon by the proposed activity?

If YES, specify and explain:	
If NO, specify:	The proposed activity is not located within a radius of any industrial activity.

If any of the boxes marked with an "H" are ticked, how will this impact / be impacted upon by the proposed activity.

If YES, specify and explain:	
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If NO, specify:	There is no filling station identified within the vicinity of the proposed development site.
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## 6. CULTURAL/HISTORICAL FEATURES

Are there any signs of culturally or historically significant elements, as defined in section 2 of the National Heritage Resources Act, 1999, (Act No. 25 of 1999), including Archaeological or palaeontological sites, on or close (within 20m) to the site?	YES	NO
	Uncertain	

If YES, explain:

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If uncertain, conduct a specialist investigation by a recognised specialist in the field to establish whether there is such a feature(s) present on or close to the site.

Briefly explain the findings of the specialist:

<p><b>Archaeological</b></p> <p>According to the archaeological study conducted, there are no cultural heritage sites, features or objects identified on the proposed development site.</p> <p><b><u>Burial Grounds and Graves</u></b></p> <p>No graves were identified on site.</p> <p>No further studies / Mitigations are recommended given the fact that within the proposed development site and its surrounding there are no archaeological or place of historical significance to be impacted by the gravel extraction process. From a Heritage perspective, the development should be allowed to continue.</p>
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Will any building or structure older than 60 years be affected in any way?	YES	NO
Is it necessary to apply for a permit in terms of the National Heritage Resources Act, 1999 (Act 25 of 1999)?	YES	NO

If yes, please submit or, make sure that the applicant or a specialist submits the necessary application to SAHRA or the relevant provincial heritage agency and attach proof thereof to this application if such application has been made.

## SECTION C: PUBLIC PARTICIPATION

### 1. ADVERTISEMENT

The person conducting a public participation process must take into account any guidelines applicable to public participation as contemplated in section 24J of the Act and must give notice to all potential interested and affected parties of the application which is subjected to public participation by—

- (a) fixing a notice board (of a size at least 60cm by 42cm; and must display the required information in lettering and in a format as may be determined by the department) at a place conspicuous to the public at the boundary or on the fence of—

- (i) the site where the activity to which the application relates is or is to be undertaken; and
- (ii) any alternative site mentioned in the application;
- (b) giving written notice to—
  - (i) the owner or person in control of that land if the applicant is not the owner or person in control of the land;
  - (ii) the occupiers of the site where the activity is or is to be undertaken or to any alternative site where the activity is to be undertaken;
  - (iii) owners and occupiers of land adjacent to the site where the activity is or is to be undertaken or to any alternative site where the activity is to be undertaken;
  - (iv) the municipal councillor of the ward in which the site or alternative site is situated and any organisation of ratepayers that represent the community in the area;
  - (v) the municipality which has jurisdiction in the area;
  - (vi) any organ of state having jurisdiction in respect of any aspect of the activity; and
  - (vii) any other party as required by the department;
- (c) placing an advertisement in—
  - (i) one local newspaper; or
  - (ii) any official *Gazette* that is published specifically for the purpose of providing public notice of applications or other submissions made in terms of these Regulations;
- (d) placing an advertisement in at least one provincial newspaper or national newspaper, if the activity has or may have an impact that extends beyond the boundaries of the local municipality in which it is or will be undertaken: Provided that this paragraph need not be complied with if an advertisement has been placed in an official *Gazette* referred to in subregulation 54(c)(ii); and
- (e) using reasonable alternative methods, as agreed to by the department, in those instances where a person is desiring of but unable to participate in the process due to—
  - (i) illiteracy;
  - (ii) disability; or
  - (iii) any other disadvantage.

## 2. CONTENT OF ADVERTISEMENTS AND NOTICES

A notice board, advertisement or notices must:

- (a) indicate the details of the application which is subjected to public participation; and
- (b) state—
  - (i) that the application has been submitted to the department in terms of these Regulations, as the case may be;
  - (ii) whether basic assessment or scoping procedures are being applied to the application, in the case of an application for environmental authorisation;

- (iii) the nature and location of the activity to which the application relates;
- (iv) where further information on the application or activity can be obtained; and
- (v) the manner in which and the person to whom representations in respect of the application may be made.

### 3. PLACEMENT OF ADVERTISEMENTS AND NOTICES

Where the proposed activity may have impacts that extend beyond the municipal area where it is located, a notice must be placed in at least one provincial newspaper or national newspaper, indicating that an application will be submitted to the department in terms of these regulations, the nature and location of the activity, where further information on the proposed activity can be obtained and the manner in which representations in respect of the application can be made, unless a notice has been placed in any *Gazette* that is published specifically for the purpose of providing notice to the public of applications made in terms of these Regulations.

Advertisements and notices must make provision for all alternatives.

In terms of the Guideline Document for Environmental Impact Assessment Regulations promulgated in terms NEMA, Stakeholders and I&AP's were notified as follows:

- Site notices were erected (at prominent points on and around the study area) on the 17<sup>th</sup> of November 2022;
- Landowners and occupants of land within a 100 meters' radius of the boundary of the property and who may be directly affected by the proposed activity were informed;
- Notices regarding the project were further e-mailed, and letters were hand delivered to a list of Interested and Affected Parties.
- An advertisement will be placed on the Limpopo Mirror Newspaper;
- A list of all persons, organizations' and organs of state that were also invited to register as interested and affected parties.

### 4. DETERMINATION OF APPROPRIATE MEASURES

The practitioner must ensure that the public participation is adequate and must determine whether a public meeting or any other additional measure is appropriate or not based on the particular nature of each case. Special attention should be given to the involvement of local community structures such as Ward Committees, ratepayers associations and traditional authorities where appropriate. Please note that public concerns that emerge at a later stage that should have been addressed may cause the department to withdraw any authorisation it may have issued if it becomes apparent that the public participation process was inadequate.

## 5. COMMENTS AND RESPONSE REPORT

The practitioner must record all comments and respond to each comment of the public before the application is submitted. The comments and responses must be captured in a comments and response report as prescribed in these Regulations and be attached to this application. The comments and response report must be attached under Appendix E.

The comments and response report is attached on Appendix E.

## 6. AUTHORITY PARTICIPATION

Please note that a complete list of all organs of state and or any other applicable authority with their contact details must be appended to the basic assessment report or scoping report, whichever is applicable.

Authorities are key interested and affected parties in each application and no decision on any application will be made before the relevant local authority is provided with the opportunity to give input.

Name of Authority informed:	Comments received (Yes or No)
Department of Water and Sanitation	No
Vhembe District Municipality	No
Makhado Local Municipality	No
South African Heritage Resources Agency (SAHRA)	No
Department of Agriculture and Rural Development	No

## 7. CONSULTATION WITH OTHER STAKEHOLDERS

Note that, for linear activities, or where deviation from the public participation requirements may be appropriate, the person conducting the public participation process may deviate from the requirements of that subregulation to the extent and in the manner as may be agreed to by the department.

Proof of any such agreement must be provided, where applicable.

Has any comment been received from stakeholders?

YES	NO
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If "YES", briefly describe the feedback below (also attach copies of any correspondence to and from the stakeholders to this application):

## SECTION D: IMPACT ASSESSMENT

The assessment of impacts must adhere to the minimum requirements in the EIA Regulations, 2014, and should take applicable official guidelines into account. The issues raised by interested and affected parties should also be addressed in the assessment of impacts.

### 1. ISSUES RAISED BY INTERESTED AND AFFECTED PARTIES

List the main issues raised by interested and affected parties.

None.

Response from the practitioner to the issues raised by the interested and affected parties (A full response must be given in the Comments and Response Report that must be attached to this report as Annexure E):

There are no issues raised so far that must be addressed by the practitioner.

### 2. IMPACTS THAT MAY RESULT FROM THE PLANNING AND DESIGN, CONSTRUCTION, OPERATIONAL, DECOMMISSIONING AND CLOSURE PHASES AS WELL AS PROPOSED MANAGEMENT OF IDENTIFIED IMPACTS AND PROPOSED MITIGATION MEASURES

List the potential direct, indirect and cumulative property/activity/design/technology/operational alternative related impacts (as appropriate) that are likely to occur as a result of the planning and design phase, construction phase, operational phase, decommissioning and closure phase, including impacts relating to the choice of site/activity/technology alternatives as well as the mitigation measures that may eliminate or reduce the potential impacts listed.

Potential impacts	Before Mitigation Measures	Proposed mitigation measures	Before Mitigation Measures
<b>Visual Environment</b> <ul style="list-style-type: none"> <li>The movement of construction vehicles through the camp may be associated with a visual impact.</li> </ul>	Low (Negative)	Construction traffic must stick to designated routes	Low (Negative)
<b>Soil</b> <ul style="list-style-type: none"> <li>Spillage of fuel or oil leaks from construction vehicles may result in the contamination of soil and groundwater.</li> </ul>	Medium (Negative)	<b>Fuel Storage:</b> <ul style="list-style-type: none"> <li>Topsoil and subsoil to be protected from contamination.</li> <li>Fuel and material storage must be away from stockpiles.</li> </ul>	Low (Negative)

<ul style="list-style-type: none"> <li>Storm water runoff may cause erosion of topsoil and concomitant siltation of watercourses, if not carefully controlled.</li> </ul>		<ul style="list-style-type: none"> <li>Contaminated soil must be contained and disposed of offsite at a licensed landfill site.</li> </ul> <p><b>Earthworks:</b></p> <ul style="list-style-type: none"> <li>All earthworks must be adequately controlled and managed.</li> <li>Any excavations must be clearly marked and demarcated.</li> </ul> <p><b>Soil Erosion:</b></p> <ul style="list-style-type: none"> <li>Only topsoil in the footprint should be removed and soil disturbance to areas outside the construction footprint must be avoided.</li> <li>Bare areas must be revegetated as soon as possible after construction.</li> </ul>	
<p><b>Noise</b></p> <ul style="list-style-type: none"> <li>Noise generated during construction can result in health and nuisance impacts to neighboring property owners.</li> </ul>	<p>Medium (Negative)</p>	<ul style="list-style-type: none"> <li>SANS 10103 and the National Noise Control Regulations should be used as the main guidelines for addressing the potential noise impact on this project.</li> <li>With regard to unavoidable very noisy construction activities in the vicinity of noise sensitive areas, these should be screened off with acoustic screens, where possible. If no acoustic screening is used during exceptionally noisy construction times, prior warning to community members would be extremely important.</li> <li>As construction workers operate in a very noisy environment, it must be ensured that their working conditions comply with the requirements of the Occupational Health and Safety Act (Act No 85 of 1993). Where necessary ear protection gear should be worn.</li> </ul>	<p>Low (Negative)</p>
<ul style="list-style-type: none"> <li>Accumulated contamination of soil and groundwater due to</li> </ul>	<p>Medium (Negative)</p>	<p><b>Construction Rubble:</b></p>	<p>Low (Negative)</p>

<p>inappropriate disposal of construction waste and other construction debris</p> <ul style="list-style-type: none"> <li>• Accumulation of construction debris on site</li> </ul>		<ul style="list-style-type: none"> <li>• All rubble must either be used on site as part of the existing development or must be taken off the site and disposed of at an approved site.</li> <li>• Rubble must not be dumped on the ground but must be placed within a skip bin for regular removal, insofar as possible.</li> </ul> <p><b>Litter Management:</b></p> <ul style="list-style-type: none"> <li>• Refuse bins must be placed at strategic positions to ensure that litter does not accumulate within the construction site. These should be kept covered and arrangements made for them to be collected regularly from the site.</li> <li>• A housekeeping team should be appointed to regularly maintain the litter and rubble situation on the construction site.</li> </ul>	
<p><b>Flora and Fauna</b></p> <ul style="list-style-type: none"> <li>• Minor construction related impacts are anticipated, it is however not expected to impact endangered or threatened species due to the location of the site within an existing impacted, transformed area.</li> <li>• The spread of exotic species may result from construction activities. This may have implications in the area as a whole if this is not controlled.</li> </ul>	<p>Medium (Negative)</p>	<p><b>Existing Vegetation</b></p> <ul style="list-style-type: none"> <li>• Materials should not be delivered to the site prematurely which could result in additional areas being cleared or affected.</li> <li>• Construction site office and laydown areas must be clearly demarcated and no encroachment must occur beyond demarcated areas.</li> <li>• All impacted areas during construction must be rehabilitated with locally indigenous plants.</li> <li>• Design of the landscaped areas shall consider aspects such as habitat provision for a range of bird species, amphibians, reptiles and small mammals, as well as the (long term) restoration of trees that were removed in the</li> </ul>	<p>Low (Negative)</p>

		<p>construction of the proposed building and associated infrastructure.</p> <p><b>Exotic Vegetation</b></p> <ul style="list-style-type: none"> <li>• All exotic vegetation must be removed from site.</li> <li>• Alien vegetation on the site will need to be controlled in terms of Government Notice R1048.</li> <li>• The contractor should be responsible for implementing a programme of weed control (particularly in areas where soil has been disturbed); and grassing of any remaining stockpiles to prevent weed invasion.</li> <li>• The spread of exotic species occurring throughout the site should be controlled.</li> </ul> <p><b>Herbicides</b></p> <ul style="list-style-type: none"> <li>• Herbicide use shall only be allowed with the approval of the developer and according to contract specifications. The application shall be according to set specifications and under supervision of a qualified technician. The possibility of leaching into the surrounding environment shall be properly investigated and only environmentally friendly herbicides shall be used.</li> </ul> <p><b>Fauna</b></p> <ul style="list-style-type: none"> <li>• The contractor as well as his construction workers must be sympathetic towards any fauna present on site.</li> <li>• All construction staff must attend a training workshop during which the dangers of certain faunal species (especially snakes) will be explained. This workshop must be conducted</li> </ul>	
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		by a qualified personnel. Workers must be instructed not to kill any snakes encountered on the site, but rather to call a suitably qualified park person to remove it off the site.	
<b>Traffic</b> <ul style="list-style-type: none"> <li>• If vehicles are not maintained it may lead to contamination and unnecessary noise.</li> <li>• Slow moving vehicles, if utilizing public access routes, could cause congestion at peak visitor times.</li> <li>• If delivery of equipment and materials are not planned carefully it may lead to a visual and noise impacts.</li> </ul>	Medium (Negative)	<ul style="list-style-type: none"> <li>• Delivery of equipment must be undertaken with the minimum reasonable amount of trips.</li> <li>• Planning of site delivery hours must be scheduled to avoid weekends and evenings, in so far as possible.</li> <li>• Wheel washing and damping down of unsurfaced roads must be implemented to reduce dust.</li> <li>• Routes should be clearly defined as not to endanger fauna, flora and residents.</li> <li>• Damping down of roads and wheel washing should be done using water with discretion, so as not to waste water unnecessarily.</li> <li>• Planning of access routes to the site for construction purposes shall be done in conjunction between the Contractor and the developer. All agreements reached should be documented and no verbal agreements should be made. The Contractor shall properly mark all access roads. Roads not to be used shall be marked with a "NO ENTRY" sign.</li> <li>• A site speed limit of 20km/h must not be exceeded.</li> </ul>	Low (Negative)
<b>Air Quality</b> <ul style="list-style-type: none"> <li>• Short-term negative impacts on the air quality will occur from dust and</li> </ul>	Low (Negative)	<b>Dust Control:</b> <ul style="list-style-type: none"> <li>• Wheel washing and damping down of unsurfaced and unvegetated areas, taking water saving into account.</li> </ul>	Low (Negative)

<p>exhaust fumes during construction.</p>		<ul style="list-style-type: none"> <li>Retention of vegetation where possible will reduce dust travel.</li> <li>Excavations and other clearing activities must only be done during agreed working times and permitting weather conditions to avoid drifting of sand and dust into adjacent areas.</li> <li>Any complaints or claims emanating from the lack of dust control shall be attended to immediately by the Contractor and ECO.</li> </ul>	
<p><b>Groundwater and Storm water</b></p> <ul style="list-style-type: none"> <li>Local groundwater quality deterioration due to oil and fuel spills.</li> <li>Storm water may carry pollutants to other parts of the site if not carefully controlled.</li> <li>Fatal flow during the operation of the cemetery may also contaminate groundwater</li> </ul>	<p>Medium (Negative)</p>	<p><b>Groundwater:</b></p> <ul style="list-style-type: none"> <li>Water usage, land use, waste management, and on-site sanitation associated with the proposed new development must be designed and managed so as not to impact, insofar as possible negatively on the groundwater resources on the site.</li> <li>Facilities for the collection and disposal of waste on the site should occur in sealed surfaces which would ensure that there is no waste entering the soil profile.</li> <li>Regular water samples will be collected periodically to determine the groundwater quality. Hydrology and Storm water:</li> <li>The site must be managed in order to prevent pollution of drains, groundwater, due to suspended solids, silt or chemical pollutants.</li> <li>Promote water saving mind set with construction workers in order to ensure less water wastage.</li> <li>Grids / Litter traps should be placed at the entry point to drains and should be cleaned on a regular basis.</li> </ul>	<p>Low (Negative)</p>

<ul style="list-style-type: none"> <li>• If the burial sites are not adequately designed, leachate from decomposing bodies may be released into the surrounding environment, contaminating the ground and water resources (i.e. groundwater and surface water streams).</li> <li>• Partial treatment of sewage effluent prior disposal which can contamination. Leaking or flood of untreated sewage can also contaminate rivers, and other watercourses.</li> </ul>	<p>High (Negative)</p>	<ul style="list-style-type: none"> <li>• Minimize any contamination of groundwater and surface water.</li> <li>• Where possible, installation of a borehole should be considered to monitor groundwater for quality and water level.</li> <li>• Connection of the sewer lines to the existing sewage reticulation system, if any.</li> <li>• A leachate management plan must be developed to control the potential contamination associated with cemetery operation.</li> <li>• Recommendations by DWS must also be adhered to.</li> </ul>	<p>Medium (Negative)</p>
<p>Poor planning and design around sensitive aquatic (e.g. Wetlands and Rivers) and terrestrial (e.g. Dense Thicket) systems could destabilize banks and ground surfaces, resulting in erosion and sedimentation of watercourses.</p>	<p>Medium (Negative)</p>	<ul style="list-style-type: none"> <li>• An Erosion and Rehabilitation Management Plan must be developed, and it must ensure that all sediment resulting from vegetation clearing is contained and does not flow into the rivers/streams.</li> <li>• The Erosion and Rehabilitation Plan must be incorporated into the EMP and must draw from the recommendations of the relevant specialist reports.</li> <li>• The Erosion Management Plan must ensure that vegetation clearing occurs in parallel with the progress of burial plots required to minimize erosion and/or run-off.</li> </ul>	<p>Low (Negative)</p>
<p><b>Waste Generation</b></p> <ul style="list-style-type: none"> <li>• Increased waste generation during construction and operational phases.</li> </ul>	<p>Medium (Negative)</p>	<ul style="list-style-type: none"> <li>• Care should be taken not to dump waste indiscriminately as this could have a negative impact on the ecosystem and may lead to injury to humans and animals.</li> </ul>	<p>Low (Negative)</p>

		<p><b>Construction Rubble:</b></p> <ul style="list-style-type: none"> <li>• All rubble must either be used on site as part of the existing development or must be taken off the site and disposed of at an approved site.</li> <li>• Rubble must not be dumped on the ground but must be placed within a skip bin for regular removal, insofar as possible.</li> </ul> <p><b>Litter Management:</b></p> <ul style="list-style-type: none"> <li>• Refuse bins must be placed at strategic positions to ensure that litter does not accumulate within the construction site. These should be kept covered and arrangements made for them to be collected regularly from the site.</li> <li>• A housekeeping team should be appointed to regularly maintain the litter and rubble situation on the construction site.</li> <li>• Waste disposal will need to take place in terms of Section 20 of the Environment Conservation Act (Act No. 73 of 1989).</li> <li>• Littering by the employees of the Contractor shall not be allowed under any circumstances. The ECO shall monitor the neatness of the construction site.</li> </ul>	
<p><b>Storm water Management</b></p> <ul style="list-style-type: none"> <li>• Hardened surfaces, as opposed to undeveloped areas natural vegetation, will lead to an increase in runoff, which in turn may lead to increased pressure being exerted in storm water control system.</li> </ul>	<p>Medium (Negative)</p>	<ul style="list-style-type: none"> <li>• New stormwater construction must be developed strictly according to specifications from engineers in order to ensure efficiency.</li> <li>• The site must be managed in order to prevent pollution of drains, downstream watercourses or groundwater, due to suspended solids, silt or chemical pollutants.</li> </ul>	<p>Low (Negative)</p>

Increase Demand on Water and Energy Resources	Low (Negative)	<ul style="list-style-type: none"> <li>To monitor proper management of resources, water and electricity meters will be installed.</li> </ul>	Low (Negative)
<b>Fire Risk</b> <ul style="list-style-type: none"> <li>Ignorance on the part of the workers might result in fires, especially in winter when the vegetation is dry or during the operational phase.</li> </ul>	Medium (Negative)	<ul style="list-style-type: none"> <li>Hold fire prevention talks and reminders regularly with the staff on fire prevention.</li> <li>Ensure adequate firefighting equipment on site and in all major working areas and train workers on how to use it.</li> <li>Ensure that all workers on site know the proper procedure in case of a fire incidence on site.</li> <li>Smoking must not be permitted in those areas considered a fire hazard.</li> <li>Smoking should only be allowed in designated areas.</li> <li>“No-smoke” signs must be placed at areas with high fire risk.</li> </ul>	Low (Negative)
<b>Security risk</b> <ul style="list-style-type: none"> <li>An increased number of personnel on site might threaten the security in the area.</li> </ul>	Low (Negative)	<ul style="list-style-type: none"> <li>Workers must be identified by overalls or the logo of the contractor.</li> <li>Workers must not be allowed to trespass on private and commercial property in the neighbouring areas.</li> <li>The site should be fenced and there must be controlled access to the site during construction and operation phase.</li> <li>No unauthorized personnel should access the construction site.</li> <li>Weapons must not be allowed on site, except for a security guard that may be allowed to carry a weapon.</li> </ul>	Low (Negative)
<b>Health and Safety</b> <ul style="list-style-type: none"> <li>The health and safety of workers and other personnel</li> </ul>	Medium (Negative)	<ul style="list-style-type: none"> <li>The contractor must implement the standards set out in the OHS Act (No. 85 of 1993). This</li> </ul>	Low (Negative)

<p>utilizing the site and adjacent sites might be at risk if proper preventive measures are not put in place.</p>		<p>act aims at protecting workers with regards to their activities at work.</p> <ul style="list-style-type: none"> <li>• The Contractors must ensure that emergency procedures applicable to the construction phase are set up prior to commencing work. Emergency procedures shall include, but are not limited to, fire, spills, contamination of the ground, accidents involving employees, use of hazardous substances, etc.</li> <li>• Workers must be provided with appropriate Personal Protection Equipment (PPE).</li> <li>• Proper signage must be strategically placed in the area of the construction site.</li> <li>• Workers must be supplied with hearing protection if noise levels exceed 85 decibels.</li> <li>• Workers are not allowed to drink alcohol during working hours.</li> <li>• The contractor must respect the workers' right to refuse to work in an unsafe and unhealthy environment.</li> <li>• Material stockpiles or stacks must be stable and well secured to prevent collapse of the stockpile and possible injury to workers.</li> <li>• Provide first aid equipment and have a qualified first aid practitioner on site during construction.</li> <li>• All work to be carried out under strict supervision and according to best practices.</li> <li>• All dangerous or no-go-areas on site should be clearly marked as such, including areas for storing dangerous materials.</li> <li>• Keep record of injuries on site.</li> </ul>	
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### 3. ENVIRONMENTAL IMPACT STATEMENT

Taking the assessment of potential impacts into account, please provide an environmental impact statement that summarises the impact that the proposed activity and its alternatives may have on the environment after the management and mitigation of impacts have been taken into account, with specific reference to types of impact, duration of impacts, likelihood of potential impacts actually occurring and the significance of impacts.

#### Alternative A (preferred alternative)

From the impact assessment discussed in detail in this report, it is evident that the proposed extension of the cemetery in Tshikota is suitable.

It should however be noted that the proposed development has minimal and manageable environmental impacts only if the mitigation measures described in this report, the specialist studies (especially the mitigation measures as provided in the ecological, geotechnical and heritage reports) and in the Environmental Management Plan (EMP) are adhered to.

#### **The Socio-Economic Environment**

##### During Construction Phase

The proposed development will have a positive impact on the economy due to temporary employment opportunities more especially to the surrounding community. It will also have a positive impact on the social environment as there will be visible investment from the private sector within rural areas.

##### During Operational Phase:

The proposed development will have a positive impact on the socio-economic environment during the operational phase due to permanent employment opportunities.

#### **The biophysical environment**

##### During Construction Phase:

The biophysical environment will be affected by construction activities that could result in excessive noise and dust. However, there are mitigation measures put in place to prevent the impacts or minimizing them as explained on the Environmental Management Programme.

##### During Operational Phase:

All negative impacts that are likely to occur in this phase are not of significance as there are mitigation measures that are already put in place to control and protect the environment.

**No-go alternative (compulsory)**

The No Go Alternative implies that the site is not suitable for demarcation of 100 sites. This option will come to the party if the proposed development has significant negative impact that cannot be mitigated effectively. The proposed site does not have any environmental constraints.

Other factors that can contribute to this option include opposite interested and affected parties with valid points to go against the proposed development as well as none compliance with legislations required by organs of sate. No objections have been received thus far as we are still to advertise and have the public participation meetings.

**Alternative B**

**Alternative C**

For more alternatives please continue as alternative D, E, etc.

**SECTION E. RECOMMENDATION OF PRACTITIONER**

Is the information contained in this report and the documentation attached hereto sufficient to make a decision in respect of the activity applied for (in the view of the environmental assessment practitioner)?

YES	NO
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If "NO", indicate the aspects that should be assessed further as part of a Scoping and EIA process before a decision can be made (list the aspects that require further assessment):

If "YES", please list any recommended conditions, including mitigation measures that should be considered for inclusion in any authorisation that may be granted by the department in respect of the application:



The EAP recommends that the implementation and strict adherence to the EMPr forms part of the conditions of an Environmental Authorisation for the development. The EAP also recommends that all mitigation measures as described in this Basic Assessment Report and specialist studies report be included as part of the conditions of the authorisations granted for the development. Furthermore, the developer should accept responsibility for appointing service providers that comply with the legislative requirements of the country and who have standing agreements with the necessary authorities where required.

The following measures/ plans must also be required as part of the approval:

- Communication or awareness must be undertaken to the project team to ensure maximum participation and compliance to the EMPr.
- The EMP attached and the mitigation measures related to it must be adhered to at all times and the appointed ECO must ensure that the developer complies with the EMP.
- An ECO must be appointed to monitor compliance with the authorization and develop compliance reports to be submitted to the Department during the construction phase.
- It is recommended that adequate storm water management be incorporated in the design of the proposed development in order to prevent erosion and the associated sedimentation of the surrounding areas. All areas affected by construction which are to remain as open space areas should be rehabilitated upon the completion of the construction phase of the development.
- All of the recommendations in the specialist reports that are included as a part of this application should be implemented & strictly adhered to in order to counteract adverse and cumulative impacts to the biophysical & social environments.

Is an EMPr attached?

The EMPr must be attached as Appendix F.

YES

NO

## **SECTION F: APPENDIXES**

The following appendixes must be attached as appropriate:

Appendix A: Site plan(s)

Appendix B: Photographs

Appendix C: Facility illustration(s)

Appendix D: Specialist reports

Appendix E: Comments and responses report

Appendix F: Environmental Management Programme (EMPr)

Appendix G: Other information

## SECTION G: DECLARATION BY THE ENVIRONMENTAL ASSESSMENT PRACTITIONER

I, \_\_\_\_\_ declare that I –

- (a) act as the independent environmental practitioner in this application;
- (b) do not have and will not have any financial interest in the undertaking of the activity, other than remuneration for work performed in terms of the Environmental Impact Assessment Regulations, 2014;
- (c) do not have and will not have a vested interest in the proposed activity proceeding;
- (d) have no, and will not engage in, conflicting interests in the undertaking of the activity;
- (e) undertake to disclose, to the competent authority, any material information that has or may have the potential to influence the decision of the competent authority or the objectivity of any report, plan or document required in terms of the Environmental Impact Assessment Regulations, 2006;
- (f) will ensure that information containing all relevant facts in respect of the application is distributed or made available to interested and affected parties and the public and that participation by interested and affected parties is facilitated in such a manner that all interested and affected parties will be provided with a reasonable opportunity to participate and to provide comments on documents that are produced to support the application;
- (g) will ensure that the comments of all interested and affected parties are considered and recorded in reports that are submitted to the Department in respect of the application, provided that comments that are made by interested and affected parties in respect of a final report that will be submitted to the Department may be attached to the report without further amendment to the report;
- (h) will keep a register of all interested and affected parties that participated in a public participation process; and
- (i) will provide the Department with access to all information at my disposal regarding the application, whether such information is favourable to the applicant or not.

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**Signature of the Environmental Assessment Practitioner:**

Mang Geoenviro Services (Pty) Ltd

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**Name of company:**

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**Date:**