



# 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:

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NEAS Reference Number:

(For official use only)

Date Received:

Due date for acknowledgement:

Due date for acceptance:

Due date for decision


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.

Cnr Suid & Dorp Streets, POLOKWANE, 0700, P O Box 55464, POLOKWANE, 0700  
Tel: 015 290 7138/ 7167, Fax: 015 295 5015, website: <http://www.ledet.gov.za>

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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>  Central Administration Office  Environmental Impact Management  P. O. Box 55464  <b>POLOKWANE</b>  0700</p>	<p><b><u>Physical Address:</u></b>  Central Administration Office  Environmental Affairs Building  Cnr Suid and Dorp Streets  <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: Mr E. V. Maluleke</b></p> <p><b>Tel:</b> (015) 290 7138/ (015) 290 7167</p> <p><b>Fax:</b> (015) 295 5015</p> <p><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>:

The applicant, Jacqueline Noel Wild Hawk Trust, proposes the establishment of cultivation on an area of 19.5ha on part of Portion 13 of the farm Pretoria 25 KT, at Ofcolaco within the Maruleng Local Municipality. The applicant is already cultivating large parts of the adjacent properties, producing mainly mangos and operating a mango atchar factory where fruit from their own orchards as well as mangos purchased from local farms is processed. They are looking to expand their cultivated area and have identified the area being applied for as the most suitable area in terms of high agricultural potential and manageable potential environmental impacts.

It is proposed that the site be used for production of different vegetable crops, specifically winter crops such as green beans, which can be successfully produced in this area while many other parts of the country are too cold at that time of year. In a few years' time, the site may be used for avocado cultivation.

A water allocation is in place from the Selati River Irrigation Board, which will be sufficient for the applicant's current cultivated areas as well as the proposed new section planted with vegetables. If in future avocado orchards are to be planted, additional water for irrigation will be required, which is planned to be abstracted from boreholes and for which a water use licence application will be lodged at that stage.

Existing access is sufficient and no new access roads or bridges / stream crossings are proposed to be either constructed or expanded. It will also not be necessary to establish any dam.

The site falls within an area classified as a Critical Biodiversity Area 2 (CBA2) in terms of the Limpopo Conservation Plan. It forms part of the Granite Lowveld vegetation type, in terms of the classification by Mucina & Rutherford (2006). Some parts of the proposed cultivation area were previously disturbed by earlier agricultural activities, but this took place more than 10 years ago, hence the site is considered to consist of indigenous vegetation as defined by NEMA. The site falls within the distribution area of a number of threatened and/or protected faunal species, but the specialist biodiversity study found the likelihood of their occurring on the site to be low-medium in terms of the probability ratings, based on the size and location of the site. Certain protected tree species do, however, occur within the proposed cultivation area, specifically Marula and Apple-leaf trees, and a permit application for their removal will be

<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.

lodged with the Department of Agriculture, Forestry and Fisheries (DAFF). No protected forb or grass species were found to be present.

The proposed cultivation site is not affected by any watercourses, and the site boundaries are more than 500m from any watercourse.

The heritage impact assessment found two sites with ceramic sherds, of which one site also appeared to contain the remains of a possible hut floor. The boundaries of the area to be cultivated have been adjusted to exclude the latter site, as the archaeologist recommended a buffer of 20m to be kept around this site. The other site does not need to be excluded, but monitoring will be undertaken during development, as per the archaeologist's recommendations.

## 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;
- (b) the type of activity to be undertaken;
- (c) the design or layout of the activity;
- (d) the technology to be used in the activity;
- (e) the operational aspects of the activity; and
- (f) the option of not implementing the activity.

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.***

### **Site alternatives**

No alternative properties were considered in detail. The property being applied for is owned by the Applicant and they wish to now utilize this property for this specific project. The soil on the property was found to be suitable for cultivation, there is existing access, and the site is large enough. Furthermore, the applicant already has an established farming operation and infrastructure on the adjacent property, and would therefore easily be able to incorporate this additional cultivation area into the larger farming operation. The studies forming part of the BA also found the site to be potentially suitable from an environmental perspective, on condition that the measures contained in the EMPR are adhered to. No other properties were therefore investigated.

On the property, the particular site was selected as it is relatively flat (there are steeper parts of the site that would be unsuitable for cultivation), far from watercourses, has suitable soil (according to the soil and agricultural potential investigation) and has existing access. The initial tentative boundaries were adjusted following the specialist investigations, to keep outside of the buffer area recommended by the archaeologist around a site identified during the heritage study.

**Project alternatives**

No alternative projects were considered, as the applicant’s line of business is agriculture. They were specifically looking for an opportunity to expand their cultivation.

**Layout alternatives**

The layout was refined based on the results of the specialist investigations to ensure that development will remain outside of the most sensitive parts of the site, in particular a site identified by the archaeologist during the heritage study.

**No-go alternative**

The no-go alternative would mean that the proposed activity does not take place and the site remains as it is. The impacts that can be anticipated to be associated with the proposed project would then not come to pass and the conditions and trends on the property can be expected to remain as per the status quo.

**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 Hartebeeshoek94 WGS84 spheroid in a national or local projection.

List alternative sites, if applicable.

**Latitude (S):**                      **Longitude (E):**

**Alternative:**

- Alternative S1<sup>2</sup> (preferred or only site alternative)
- Alternative S2 (if any)
- Alternative S3 (if any)

24°	6'	24.25"	30°	21'	56.82"
°	'	"	°	'	"
°	'	"	°	'	"

**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)

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

- 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

°	'	"	°	'	"
°	'	"	°	'	"
°	'	"	°	'	"

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)

or,

for linear activities:

**Size of the activity:**

19,5ha/ 195 000m <sup>2</sup>
m <sup>2</sup>
m <sup>2</sup>

**Length of the activity:**

**Alternative:**

Alternative A1 (preferred activity alternative)

Alternative A2 (if any)

Alternative A3 (if any)

	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)

249.3ha / 2 493 000 m <sup>2</sup>
m <sup>2</sup>
m <sup>2</sup>

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

## 5. SITE ACCESS

Does ready access to the site exist?

YES	NO
n/a	

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

Describe the type of access road planned:

n/a

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 – **refer to Appendix C for the layout at 1:5 000 scale. This provides sufficient detail for the purpose of the BA;**
- 6.2 the property boundaries and numbers of all the properties within 50 metres of the site – **refer to locality map under Appendix A;**
- 6.3 the current land use as well as the land use zoning of each of the properties adjoining the site or sites – **refer to Appendix A;**
- 6.4 the exact position of each element of the application as well as any other structures on the site – **refer to proposed layout plan under Appendix C;**
- 6.5 the position of services, including electricity supply cables (indicate above or underground), water supply pipelines, boreholes, streetlights, sewage pipelines, storm water infrastructure and telecommunication infrastructure - **none;**
- 6.6 all trees and shrubs taller than 1.8 metres – **the entire proposed development area is covered by trees and shrubs, many of which are taller than 1.8m. It would not be possible to indicate each individually on the aerial photo. Refer to Appendix A for an indication of the area in which such trees can be expected;**
- 6.7 walls and fencing including details of the height and construction material – **1.8m high fencing is proposed along the site boundaries;**
- 6.8 servitudes indicating the purpose of the servitude – **none;**
- 6.9 sensitive environmental elements within 100 metres of the site or sites including (but not limited thereto):
  - Rivers – **none within 100m of the site;**
  - the 1:100 year flood line (where available or where it is required by Department of Water Affairs) – **no watercourses onsite;**
  - ridges – **refer to Appendix A. Ridge / outcrop located to the north of the site, though not onsite;**
  - Cultural and historical features – **refer to Appendix A. Two sites with ceramic shards were found;**

- areas with indigenous vegetation (even if it is degraded or invested with alien species) – **the entire proposed development area consists of indigenous vegetation; refer to aerial photo under Appendix A;**

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 – **refer to Appendix C for 1m contours;** and

6.11 the positions from where photographs of the site were taken – **refer to Appendix B.**

## 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.

## 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.

**Please refer to Appendix C for the layout at 1:5000 scale, which for the purpose of the BA provides sufficient detail.**

## 11. ACTIVITY MOTIVATION

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

What is the expected capital value of the activity on completion?	±R3 million	
What is the expected yearly income that will be generated by or as a result of the activity?	±R1,2 million	
Will the activity contribute to service infrastructure?	YES	NO
Is the activity a public amenity?	YES	NO
How many new employment opportunities will be created in the development phase of the activity?	13	
What is the expected value of the employment opportunities during the development phase?	±R210 000	
What percentage of this will accrue to previously disadvantaged individuals?	92%	
How many permanent new employment opportunities will be created during the operational phase of the activity?	11	
What is the expected current value of the employment opportunities during the first 10 years?	±R4 million	
What percentage of this will accrue to previously disadvantaged individuals?	100%	

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

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



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

<b>DESIRABILITY:</b>			
i.	Does the proposed land use / development fit the surrounding area?	<b>YES</b>	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?	<b>YES</b>	NO
iii.	Will the benefits of the proposed land use / development outweigh the negative impacts of it?	<b>YES</b>	NO
iv.	If the answer to any of the questions 1-3 was NO, please provide further motivation / explanation:		
	n/a		
v.	Will the proposed land use / development impact on the sense of place?	YES	<b>NO</b>
vi.	Will the proposed land use / development set a precedent?	YES	<b>NO</b>
vii.	Will any person's rights be affected by the proposed land use / development?	YES	<b>NO</b>
viii.	Will the proposed land use / development compromise the "urban edge"?	YES	<b>NO</b>
ix.	If the answer to any of the question 5-8 was YES, please provide further motivation / explanation.		
	n/a		

<b>BENEFITS:</b>			
i.	Will the land use / development have any benefits for society in general?	YES	<b>NO</b>
ii.	<b>Explain:</b> Benefits will be felt locally, mostly within the Maruleng and Greater Tzaneen Municipalities and Mopani District.		
iii.	Will the land use / development have any benefits for the local communities where it will be located?	<b>YES</b>	NO
iv.	<b>Explain:</b> <ul style="list-style-type: none"> <li>- Job creation, though small-scale. Permanent and seasonal jobs, all of which will be filled from the surrounding, largely disadvantaged communities;</li> <li>- Contribution to the local economy and support of local jobs. Most of the materials and services used in the project planning and development are being sourced locally, which supports local businesses and jobs at these businesses. It also increases local spending, as employees on the farm will be spending much of their salaries locally. The local economy (Mopani District overall, but also specifically the economies of the two nearest towns, Tzaneen and Hoedspruit) depends greatly</li> </ul>		

	on the agricultural sector. The local businesses forming part of the agricultural value chain depend on local agricultural development to sustain them.
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## 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:

Title of legislation, policy or guideline:	Administering authority:	Date:
The Constitution Act (No 108 of 1996), Chapter 2, Section 24	Dept of Water and Sanitation (DWS) & Dept of Environmental Affairs (DEA)	1996
National Environmental Management Act (No 107 of 1998) and amended	In this case LEDET	19 Nov 1998
Environmental Impact Assessment (EIA) Regulations as amended	In this case LEDET	2014, as amended 2017
Conservation of Agricultural Resources Act (1983), Section 5	Department of Agriculture, Forestry and Fisheries (DAFF)	21 April, 1983
National Heritage Resources Act (No 25 of 1999), Section 34 – 36	South African Heritage Resources Agency (SAHRA)	28 April, 1999
Occupational Health and Safety Act (No 85 of 1993), Sections 8 and 9	Department of Labour	1993
National Water Act (No 36 of 1998), Section 19 and 20 and Chapter 4 (Sections 21 – 55)	DWS	26 August 1998
National Environmental Management: Biodiversity Act	DEA or provincial environmental authorities	2004
Limpopo Environmental Management Act	LEDET	2003

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

### 11(a) Solid waste management

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

<b>YES</b>	<b>NO</b>
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If yes, what estimated quantity will be produced per month?

$\pm 5m^3$
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How will the construction solid waste be disposed of (describe)?

Solid waste will consist almost entirely of empty bags of fertilizer; there may also be a small amount of empty food packaging from workers. Glass and plastic will be recycled along with the recyclable waste generated by the rest of the farming operation, while non-recyclable waste will be incinerated in an existing small incinerator on the farm. There is no municipal waste collection in the area, and the nearest municipal landfill is quite far away.

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

Solid waste will consist almost entirely of empty bags of fertilizer; there may also be a small amount of empty food packaging from workers. Glass and plastic will be recycled along with the recyclable waste generated by the rest of the farming operation, while non-recyclable waste will be incinerated in an existing small incinerator on the farm. There is no municipal waste collection in the area, and the nearest municipal landfill is quite far away.

Will the activity produce solid waste during its operational phase?  
If yes, what estimated quantity will be produced per month?

YES	NO
±3m <sup>3</sup>	

How will the solid waste be disposed of (describe)?

Glass and plastic will be recycled. Non-recyclable solid waste will be incinerated in a small existing incinerator already in use for the existing farming operation.

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

Glass and plastic will be recycled. Non-recyclable solid waste will be incinerated in a small existing incinerator already in use for the existing farming operation. There is no municipal waste collection in the area, and the nearest municipal landfill is quite far away.

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

n/a
-----

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

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
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If yes, provide the particulars of the facility:

Facility name:	n/a	
Contact person:		
Postal address:		
Postal code:		
Telephone:	Cell:	

E-mail:

Fax:

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

### 11(c) Emissions into the atmosphere

Will the activity release emissions into the atmosphere?

YES	NO
YES	NO

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

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:

- Exhaust emissions from vehicles and machinery used in the farming operation, such as tractors and bakkies.
- Some dust during site clearing and ploughing.
- Agricultural chemicals applied to the orchards, e.g. pesticides.

### 11(d) Generation of noise

Will the activity generate noise?

YES	NO
YES	NO

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

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:

- Small amount of noise to be associated with voices, and vehicles / machinery involved in farming and the transportation of workers around the site.

## 12. WATER USE

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

municipal	<input checked="" type="checkbox"/> water board	<input checked="" type="checkbox"/> groundwater	river, stream, dam or lake	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:

<b>±6 700m<sup>3</sup> / month</b>	
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. **Water allocation in place from irrigation board. WULA for supplementary groundwater will be done in due course (if cultivation changes from vegetables to avocados in future), but the available allocation is sufficient for now.**

**13. ENERGY EFFICIENCY**

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

n/a

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

n/a

**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
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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:

**PORTION 13 OF THE FARM PRETORIA 25-KT**

(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:

**Agriculture**

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, 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	<b>1:50 – 1:20</b>	<del>1:20 – 1:15</del>	<del>1:15 – 1:10</del>	<del>1:10 – 1:7,5</del>	<del>1:7,5 – 1:5</del>	<del>Steeper than 1:5</del>
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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		<b>2.7 Undulating plain / low hills</b>	<b>X</b>
2.3 Side slope of hill/mountain		2.8 Dune	
2.4 Closed valley		2.9 Seafront	
2.5 Open valley			

### 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. GROUNDCOVER

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	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:

<b>5.1 Natural area</b>	<b>X</b>	5.22 School	
5.2 Low density residential		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>	
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		<b>5.37 River, stream or wetland</b>	
5.17 Plantation		5.38 Nature conservation area	
5.18 Agriculture		<b>5.39 Mountain, koppie or ridge</b>	<b>X</b>
<b>5.19 Archaeological site</b>	<b>X</b>	5.40 Graveyard	
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?

n/a

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

**No boxes marked with an "AN" are ticked**

If YES, specify and explain:	n/a
If NO, specify:	n/a

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

**No boxes marked with an "H" are ticked**

If YES, specify and explain:	n/a
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If NO, specify:	n/a
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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?	<b>YES</b>	NO
	<b>Yes</b>	

If YES, explain:	<b>Two areas with archaeological sites were discovered, one site with low density concentration of ceramic sherds and the other site with a possible hut floor, with associated upper grinder and ceramic sherds.</b>
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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:	<b>During the heritage scoping study conducted by Shasa Heritage Consultants, 1 decorated ceramic sherd was recorded within the confines of the graded access road on the proposed site. Also, a possible hut floor, with associated upper grinder and ceramic sherds were recorded just outside of the upper north eastern boundary of the proposed area. No further remains were recorded within the proposed development area, but vegetation was very dense. Monitoring recommended during site clearance and development.</b>
-------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Will any building or structure older than 60 years be affected in any way?	YES	<b>NO</b>
Is it necessary to apply for a permit in terms of the National Heritage Resources Act, 1999 (Act 25 of 1999)?	YES	<b>NO</b>

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.

***Please refer to attached proof of advertisement of the I&AP registration period and the consultative BAR comment period in English and Sepedi by means of newspaper advertisements, site notices and direct notification of identified I&APs.***

## **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.

### 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.

### 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)
Maruleng Local Municipality	Not yet
Mopani District Municipality	Not yet
Department of Water and Sanitation	Not yet
Department of Rural Development & Land Reform	Not yet
Department of Agriculture, Forestry and Fisheries	Not yet
South African Heritage Resources Authority	Not yet

## 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

If “YES”, briefly describe the feedback below (also attach copies of any correspondence to and from the stakeholders to this application):

n/a

## 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 received thus far

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):

None thus far

### 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.

## **Alternative A (preferred alternative): DEVELOPMENT PHASE**

### Bio-physical impacts:

- Habitat destruction and fragmentation, and loss of protected trees within the development footprint.
- Impacts of pesticides on non-target organisms, e.g. beneficial insects such as bees, either within the cultivation area or in surrounding areas due to drift of pesticides;
- Trapping / snaring / poaching of animals.
- Possible increase in alien invasive plant proliferation in the natural areas surrounding the proposed development site, due to the disturbance.
- Risk of water or soil contamination in case spillage or leakage of agricultural chemicals from storage areas or during transport to the cultivation area;
- Risk of hydrocarbon spillages (e.g. diesel or engine oil) by machinery and equipment, potentially causing soil & water contamination.
- Risk of veld fires due to “hot” activities or fires by workers for cooking or heat.
- Soil erosion from exposed areas after vegetation clearance.

### Socio-economic impacts:

- Generation of a small amount of solid waste;
- Short-term job creation during development phase;
- Supporting jobs in local businesses through local procurement of materials and services during development phase;
- Visual impact of site clearance and development;
- Risk of criminal activities or trespassing associated with workers or people posing as workers.
- Dust generation during vegetation clearance and soil preparations, causing nuisance conditions and resulting in dust settlement onto vegetation
- Noise associated with machinery, vehicles and voices of workers.
- Disturbance of ceramic sherds and possible hut floor found during heritage study, or possible additional archaeological remains as yet undiscovered.

## Alternative A (preferred alternative): OPERATIONAL PHASE

### Bio-physical impacts:

- Habitat destruction within the footprint of the proposed development area;
- The disturbance due to site clearance and planting may encourage further spreading of alien invasive plant species in the directly surrounding natural areas;
- Destruction of protected trees;
- Potential contamination of water resources and soil by agricultural chemicals such as fertilisers, pesticides and herbicides in case of runoff or infiltration of contaminated storm water;
- Impacts of pesticides on non-target organisms, e.g. beneficial insects such as bees, either within the cultivation area or in surrounding areas due to drift of pesticides;
- Risk of water or soil contamination in case spillage or leakage of agricultural chemicals from storage areas or during transport to the cultivation area;
- Possible increase in soil erosion, especially when soil is ploughed in preparation for planting a new crop;
- Reduction in water availability due to abstraction for irrigation. However, abstraction will still be limited to the authorised volume / allocation;
- Disturbance of faunal activities (foraging, hunting, breeding, etc) in the surrounding natural areas due to the human presence and activities onsite;
- Possible hunting or snaring of fauna due to increased human presence;
- Utilising / unlocking the agricultural potential of the site.

### Socio-economic impacts:

- Creation of long-term jobs (permanent and seasonal);
- Contribution to local economic development through local procurement of services and materials (as the local and district economy is very much agriculture-based), and local spending by workers. Tied to this will be sustaining of jobs in local firms within the agriculture value chain (supporting industries which will supply materials or services to the development);
- Visual impact of replacing natural areas with agriculture.

### ***Cumulative and indirect impacts:***

- Possible encouragement of further agricultural development in the area, which would then pose a suite of impacts, both positive and negative;
- Habitat destruction and fragmentation;
- Reduction in water availability due to irrigation;
- Contribution to water quality impacts due to agricultural chemicals (cumulatively with other farming activities in the catchment).

## Alternative A (preferred alternative): DECOMMISSIONING PHASE

### Bio-physical impacts:

- Increased soil erosion;
- Risk of veld fire if workers act indiscriminately with cigarette butts or if cooking / heating fires and “hot” activities such as welding are not confined to designated “safe” areas;
- Possible contamination of groundwater or soil in case of spillage of hazardous substances, e.g. fuel from machinery or sewage from portable toilets;
- Use by workers of the veld for ablutions.
- Airborne dust.

Socio-economic impacts:

- Noise associated with earthmoving machinery and personnel.
- Negative visual impact.
- Risk of disorderly or criminal behaviour.
- Littering by the workers;
- Generation of solid waste;
- Temporary job creation.

Indirect and cumulative impacts:

- Possible return of habitat for wildlife;
- Cessation of contamination risk from agricultural chemicals;
- Increased water availability due to cessation of abstraction.

### 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.

**No other site or project alternatives were investigated as part of the BA.**

**Alternative A (preferred alternative)**

	TYPE	STATUS	DURATION	LIKELIHOOD	MAGNITUDE	SIGNIFICANCE
<b>Bio-physical impacts</b>	Habitat destruction and fragmentation, and loss of protected trees	Negative	Long term	Definite	Medium	Medium-High
	Utilising the agricultural potential of the property	Positive	Long term	Definite	Medium	Medium
	Impact of pesticides or herbicides on non-target organisms, e.g. killing insects that are not pests	Negative	Long term	Highly probable	Medium	Medium
	Possible contamination of water resources and soil by agricultural chemicals during development and operational phases, either through leakage from storage areas, or runoff, infiltration or drift during application. Also possible spillage / leakage of fuel / oil from farm vehicles / machinery.	Negative	Long term	Possible	Low	Low
	Trapping / snaring / hunting of animals during development phase	Negative	Short term	Possible	Low	Very low
	Trapping / snaring / hunting of animals, or disturbance of foraging or breeding activities due to human presence, during operational phase	Negative	Long term	Possible	Low	Low

	Increased soil erosion (development phase)	Negative	Short term	Highly probable	Medium	Medium-Low
	Increased soil erosion (operational phase)	Negative	Long term	Highly probable	Medium-Low	Low
	Risk of veld fires during development phase	Negative	Short term	Unlikely	Low	Medium-Low
	Air-borne dust and exhaust emissions during site clearance and soil preparation	Negative	Short term	Definite	Low	Very low
	Encouragement of further spreading of alien vegetation due to disturbance onsite	Negative	Long term	Possible	Low	Low
	Reduced water availability due to water abstraction for irrigation (though limited to existing allocation)	Negative	Long term	Highly probable	Medium-Low	Low
<b>Socio-economic impacts</b>	Visual impact of site clearing/planting activities	Negative	Short term	Definite	Low	Low
	Visual impacts of the cultivated land – operational phase	Positive or Negative	Long term	Definite	Low	Low
	Noise associated with development activities	Negative	Short term	Definite	Very low	Negligible
	A small amount of solid waste to be generated during the development phase	Negative	Short term	Highly probable	Very low	Negligible
	Generating solid waste during the operational phase	Negative	Long term	Highly probable	Very low	Very low
	Supporting local businesses through local procurement of materials, equipment & services during development and operation	Positive	Long term	Highly probable	Medium	Medium
	Risk of criminal behaviour, trespassing or rowdiness during construction phase	Negative	Short term	Possible	Unknown	Very low
	Direct and indirect job creation (development phase)	Positive	Short term	Definite	Very low	Very low
	Job creation – operational phase	Positive	Long term	Definite	Low	Low
	Contribution to local economic development through local procurement of materials and services as well as local spending by employees (operational phase)	Positive	Long term	Highly probable	Medium	Medium
	Disturbance or destruction of archaeological / heritage site (already highly transformed) during vegetation clearance	Negative	Long term	Highly probable	Very low	Very low

#### No- go alternative (Compulsory)

	TYPE	STATUS	DURATION	LIKELIHOOD	MAGNITUDE	SIGNIFICANCE
<b>Bio-physical</b>	No habitat destruction or fragmentation, or loss of protected trees	Neutral	Long term	Highly probable	Medium	Medium-High
	No utilisation of the agricultural potential of the property	Neutral	Long term	Definite	Medium	Medium



	No impact of pesticides or herbicides on non-target organisms	Neutral	Long term	Definite	Medium	Medium
	No additional risk of contamination of water resources or soil by agricultural chemicals or possible leakage of oil / fuel from machinery	Neutral	Long term	Definite	Low	Low
	No trapping / snaring / hunting of animals during development phase	Neutral	Short term	Definite	Low	Very low
	No trapping / snaring / hunting of animals, or disturbance of foraging or breeding activities due to human presence, during operational phase	Neutral	Long term	Highly probable	Low	Low
	No development-phase increase in soil erosion	Neutral	Short term	Definite	Medium	Medium-Low
	No operational-phase increase in soil erosion	Neutral	Long term	Highly probable	Medium-Low	Low
	No risk of veld fires during development phase	Neutral	Short term	Definite	Low	Medium-Low
	No air-borne dust and exhaust emissions during site clearance and soil preparation	Neutral	Short term	Definite	Low	Very low
	No change in rates or trends of spreading of alien invasive vegetation on the farm	Neutral	Long term	Highly probable	Low	Low
	Water availability remains unchanged (no abstraction for irrigation on this site)	Neutral	Long term	Highly probable	Medium-Low	Low
<b>Socio-economic impacts</b>	No visual impact of site clearing/planting activities	Neutral	Short term	Definite	Low	Low
	No visual impacts of the cultivated land – operational phase	Neutral	Long term	Definite	Low	Low
	No noise associated with development activities	Neutral	Short term	Definite	Very low	Negligible
	No solid waste generated (development phase)	Neutral	Short term	Definite	Very low	Negligible
	No solid waste generated (operational phase)	Neutral	Long term	Definite	Very low	Very low
	No supporting local businesses through local procurement of materials, equipment & services during development and operation	Neutral	Long term	Definite	Medium	Medium
	No additional risk of criminal behaviour, trespassing or rowdiness	Neutral	Short term	Highly probable	Unknown	Very low
	No job creation – development phase	Neutral	Short term	Definite	Very low	Very low
	No job creation – operational phase	Neutral	Long term	Definite	Low	Low
	No contribution to local economic development	Neutral	Long term	Definite	Medium	Medium
No disturbance or destruction of archaeological / heritage site	Neutral	Long term	Definite	Very low	Very low	

### Alternative C

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**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):

n/a

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:

It is recommended that the following be included in any authorisation that may be granted by LEDET in respect of the application:

- Appointment of an Environmental Control Officer (ECO) to monitor implementation of the EMPR during the development phase;
- Submittal of environmental compliance monitoring reports to LEDET on a six-monthly basis and at the end of the construction phase;
- When employing workers during the development phase, local labourers (within 50km of the site) must be given preference as far as availability of appropriate skills permit;
- Local suppliers (within 50km of the site) must be given preference in the sourcing of services and materials as far as availability and quality permits;
- A cultivation permit must be obtained from the Department of Agriculture, Land Reform and Rural Development;
- Should protected plants need to be removed, de-limbed or relocated, the required permits must first be obtained from the Department of Agriculture, Forestry and Fisheries;
- An archaeologist must do a site inspection after vegetation clearance to scan for archaeological material that may have been obscured by dense vegetation during the heritage impact assessment;
- The impact mitigation measures in the EMPR as well as the conditions of the EA and any other authorizations must be adhered to.

Is an EMPr attached?

**The EMPr is attached as Appendix H.**

YES	NO
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## **SECTION F: APPENDICES**

The following appendixes must be attached as appropriate:

**Appendix A:** Site plans and maps

**Appendix B:** Site photographs

**Appendix C:** Facility illustration(s)

**Appendix D:** Specialist reports:

- Ecological / biodiversity assessment
- Desktop wetland and riparian delineation / surface water opinion report
- Heritage impact assessment

**Appendix E:** Comments and responses:

- List of I&APs
- Comments and responses report / issues trail
- No comments received thus far, therefore no copies of comments and responses

**Appendix F:** Proof of advertisement of first public comment period

**Appendix G:** Proof of advertisement of draft BAR public comment period

**Appendix H:** Environmental Management Programme (EMPr)

**Appendix K:** LEDET pre-application consultation

## 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:**

**Polygon Environmental Planning CC**

**Name of company:**

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**Date:**