

# Biodiversity Assessment

for the

determination of the presence of  
protected species

Remaining extent of Farm Onder  
Rugzeer, Kenhardt, Northern Cape  
**Kenhardt PV1**

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Compiled on behalf of: Scatec Solar

Date of compilation: January 2021

# **Biodiversity Assessment for the determination of the presence of protected species**

## **Kenhardt PV1**

Photo voltaic Facility to be established on  
Remaining extent of Farm Onder Rugzeer, Kenhardt, Northern Cape,

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## **Acronyms**

DENC – Northern Cape Conservation Authority

NEMA – National Environmental Management Act

DWS – Department of Water and Sanitation

NWA – National Water Act

NFEPA – National Fresh Water Ecological Priority Areas

PES – Present Ecological Estate

EI – Ecological Importance

SANBI – South Africa National Biodiversity Institute.

## **EXECUTIVE SUMMARY**

A biodiversity assessment of the approved Kenhardt Photo Voltaic 1 site was undertaken in November 2020. The assessment was carried out through a grid-based reconnaissance of the site with occasional crepuscular and nocturnal assessment periods.

The object of the assessment was:

1. To identify any protected botanical specimens within the site.
2. To identify any faunal communities or individuals that may require relocation or may be considered to be directly affected by the establishment and operations of the PV facility.
3. Record the presence of such specimens to assist with final planning and design as well as conform with applications for permits and licenses to remove or disturb such specimens.

Review of Kenhardt PV 1 has indicated that this site is devoid of any listed and protected botanical specimens. The site can be described as being subject to significant aridity, where aeolian sands may be affecting plant establishment and growth, leading to the presence of only a few of the most resilient of species, with limited cover and verdancy.

The presence of listed and protected fauna on the site is unlikely and where encountered, species are generally transient across site or in the case of some invertebrates, may be using the site for the establishment of burrow refugia.

It follows from the above that no applications for licenses to remove listed botanical species from site will be required on Kenhardt PV 1. The likelihood and necessity to obtain permits to relocate listed fauna from site is also considered small, however management measures to avoid mortalities and other disturbance to fauna should be employed.

## 1. INTRODUCTION.

Scatec Solar SA 330 (Pty) Ltd is the authorisation holder (EA 14/12/16/3/3/2/837) in respect of the Kenhardt PV 1 facility that which permits the establishment and operation of a 75 MW solar photovoltaic facility. The PV1 facility is located west of Kenhardt (Figure 1) and has been subject to ecological evaluation during the environmental impact assessment process. Kenhardt PV 1 is one of 6 approved.

The Environmental Authorisation and associated legislation require that prior to construction of the facility, an evaluation of the ecological or biodiversity components of the site be undertaken. The objective of this evaluation is to identify plant specimens, in particular that may be of ecological significance, or are listed within the applicable Provincial and National legislation. Such evaluation is, where applicable, to accompany an application to the appropriate Department for the issuance of a license to disturb or remove identified specimens.

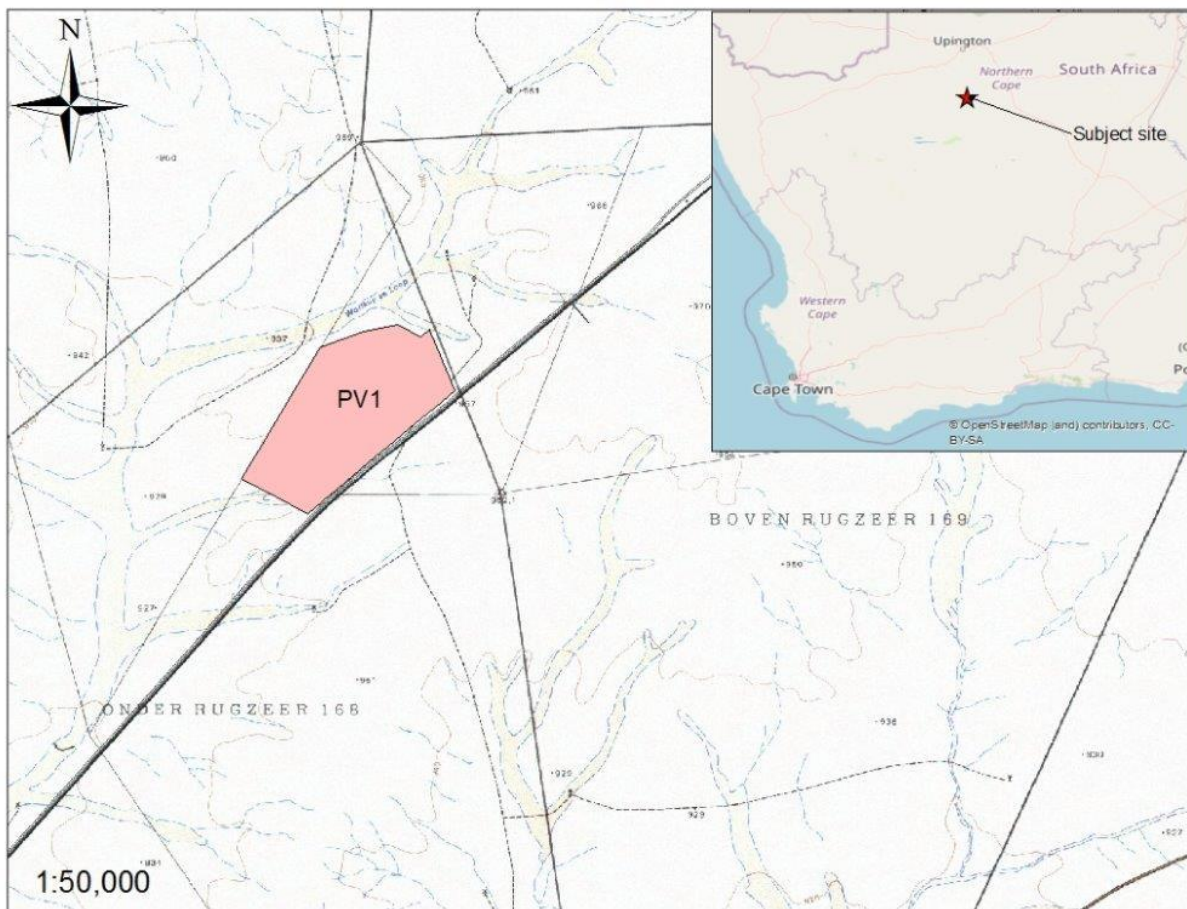


Figure 1. Regional map image of the subject area.

This report was compiled to inform the authorisation holder and their professional team of the presence of botanical specimens of value or protected in terms of relevant legislation, as well as to inform on the likelihood of faunal species that may be present within the site. Management recommendations on the above are also presented.

In addition, this report is to be submitted as supporting information in respect of any application for a license to “cut, move or destroy” a listed botanical specimen, or to relocate or transport fauna that has been declared “threatened or protected”.

## **2. LEGISLATION.**

EA 14/12/16/3/3/2/837 was issued to Scatec Solar SA 330 (Pty) Ltd, following review by the mandated authority of both specific and requisite investigations relating to the development of Kenhardt PV 1. Compliance with other legislation is however required in respect of both the EA and the overarching legislation. In respect of ecological aspects, the following legislation is to be adhered to with regards to the presence of selected floral and faunal species that may be encountered on Kenhardt PV 1:

### 1. The National Environmental Management: Biodiversity Act (Act 10 of 2004)

This Act serves to control the disturbance and land utilisation within certain habitats, as well as the planting and control of certain exotic species. The proposed development, taking place in the identified Bushmanland Arid Grassland environment, may not necessitate any particular application for a change in land use from an ecological perspective, however the effective disturbance and removal of species identified below, as well as possible other species (i.e. TOPS species), will require specific permission from the applicable authorities.

In addition, the planting and management of exotic plant species on site, if and where required, will be governed by the Alien and Invasive Species (AIS) regulations, which were gazetted in 2014. These regulations compel landowners to manage exotic weeds on land under their jurisdiction and control.

## 2. The National Forests Act (Act 84 of 1998)

The National Forests Act (Act 84 of 1998) governs the removal, disturbance, cutting or damage and destruction of identified “protected trees”. The focus of this assessment has been to identify the position and nature of these specimens within the site. Where their removal is required, or where disturbance of the specimens will arise, a license must be obtained from the mandated authority, in this case the Department of Environment, Forestry and Fisheries, in terms of Section 7 of the Act. A specimen of the license application form is attached.

The same Act also considers the clearance of “forest” as requiring a license from the authority. In this regard the legal definition of a “forest”, is the presence of three or more trees with contiguous or interfacing canopy cover. While not a scientific definition, no forest form has been identified on the subject site and such habitat is generally not applicable to an arid grassland environment. It is therefore unlikely that an application for the “clearing of a *natural forest*”, as defined within the Act, will be applicable to the site in question.

## 3. The Northern Cape Conservation Act (Act 9 of 2009)

The Northern Cape Conservation Act under its pertinent regulations and schedules governs the disturbance, transport and movement of faunal and floral species. A permit from the Northern Cape Department of Environment and Nature Conservation will be required in order to disturb or translocate both floral and faunal species, that are listed in terms of the Act, while the same Act presents controls and regulations on the planting of certain listed species which may be considered to be “exotic”.

It is clear that where listed species are encountered on site, an application for licenses may be required in terms of both Provincial and National legislation. Therefore, where for example species disturbed by activities on site may include *Boscia albitrunca*, and *B foetida*, license applications to both the Conservation and the Department of Environment Forestry and Fisheries Northern Cape Department of Environment would be required.

### 3. METHODOLOGY & APPROACH.

Site reconnaissance at Kenhardt was undertaken between 23 November and 28 November 2020 whereby the following actions had been carried out:

- Evaluation of historical information and data was undertaken, with consideration of findings.
- Evaluation of mapping and spatial information in finer scale in order to identify anomalies and related features within the site.
- Traverse of the subject area using a grid pattern of evaluation was undertaken. Specific consideration was given to geomorphological features and the interface between such features.
- All vegetation associates were reviewed for the presence of cryptic and smaller succulent specimens.
- Larger listed botanical specimens, where identified were logged using a Garmin GPS. Where required, photographic evidence of the specimen was obtained.
- Larger woody specimens were inspected for the presence of any fauna that may be associated with the specimen, in particular nests, burrows and related faunal refugia. Where encountered, these were logged
- A camera trap was established for 24 hours on 26 November 2020.
- Night reconnaissance was undertaken on 27 November 2020 to consider the presence of nocturnal faunal species.
- All fauna identified within the site were identified to lowest taxa and recorded.
- All collated data was downloaded and placed into ARC GIS.
- Report compilation was undertaken.



### 3.1 Assumptions and Limitations

Reconnaissance of the site was undertaken during the mid-summer of November 2020. This period is notably extremely dry, with summer rains in the region being evident in and around March of each year, which is accompanied by resurgent growth in floral communities. Under excessively dry periods, vegetative growth and flowering may be delayed, often affecting the ability to detect smaller specimens, such as *Lithops spp* and other cryptic species or geophytes. It therefore follows that while care has been taken to evaluate all portions of the site, as well as particular niche environments, it is evident that not all specimens may have been located or logged. In acknowledgement of this limitation – it is recommended that a final inspection be carried out by the appointed ECO of this project.

## **4. OVERVIEW OF SITE**

The climate of Kenhardt and surrounds is classified “BWh”, using the Koppen-Geiger climate classification method ([www.koeppen-geiger.vu-wien.ac.at](http://www.koeppen-geiger.vu-wien.ac.at)) which is indicative of an arid hot environment. As such, the area can be considered to be arid, verging on hyper arid ([www.wad.jrc.ec.europa.eu](http://www.wad.jrc.ec.europa.eu)) with an annual rainfall of less than 200 mm per annum (SA Weather Services, 2015). As such, the area in question is undergoing protracted and extensive drought, with concomitant changes in the physical and biotic state of the land.

It follows that the regional vegetation type, namely Bushmanland Arid Grassland (NKB 4) has been subject to extreme water related stresses. As such the following generally indicative of the veld type can be determined to have been affected by such conditions:

- Low graminoid or grass cover is evident across much of the area. The typical grass of the region, namely *Stipagrostis schmidtia*, has been subject to extensive grazing and senescence and is only evident in small associations or scattered specimens.
- Senescence of a number of woody specimens is evident, in particular emergent *Boscia sp.* These species are generally tolerant of aridity, however extreme aridity has resulted in specimens becoming moribund or senescent.

Kenhardt PV 1 lies to the north of the Sishen – Saldanha Railway line. The approved photovoltaic laydown area does not traverse any perennial streams or significant drainage lines. The topography can generally be described as “flat” with little topographic variation. Soils are primarily fine aeolian sands derived from the prevailing Kalahari Group geology. As indicated limited topographic variation is evident, however calcrete exposures are present at points.

Figure 2 below provides a general indication of the nature of the land upon which PV1 is to be established as of 2020. *Stipagrostis schmidtia* and *S ciliata* are the most prevalent graminoid, with occasional *Lyceum horridus* and *Rhigozum trichomotum* specimens being evident. As is evident in Figure 3, no larger woody specimens are present on site and by extension, no listed botanical species were identified. Figure 4 below therefore presents the findings of PV1, in relation to neighbouring sites. Notably, no listed species are identified.



Figure 2. View across site towards Wolfkopseloop



Figure 3. Image showing sandy, extreme nature of southern portion of site



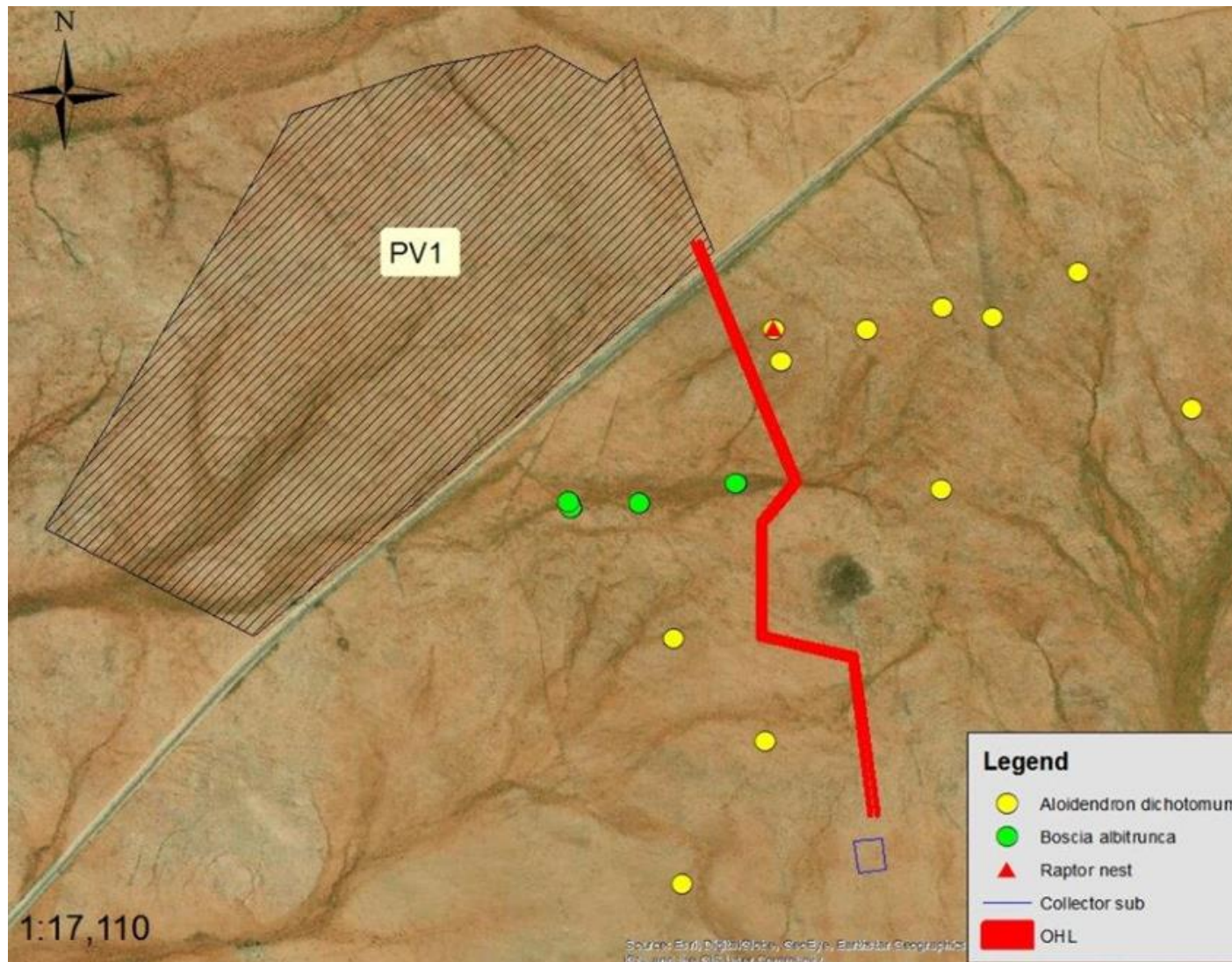


Figure 4 Aerial image indicating absence of listed botanical specimens from site

#### 4.1. Fauna

Table 1, below presents the updated species list for the subject area, as compiled by these authors and based on observation, spoor, spat and in some cases, anecdotal information.

Table 1. List of Terrestrial Species identified within and around the site.

		Observations	NC conservation Act	TOPS (2007)	Cons. Importance (IUCN)
<b>Mammals</b>					
<i>Orycteropus afer</i>	Aardvark	Foraging evidence		Protected	LC
<i>Felis nigripes</i>	Black-footed cat	Observed – roadkill	Protected		VU
<i>Atelerix frontalis</i>	South African hedgehog	Per communication		Protected	LC
<i>Canis mesomelas</i>	Black back jackal				Not listed
<i>Xerus inauris</i>	Cape ground squirrel	Observed	Protected		Not listed
<i>Lepus capensis</i>	Cape hare	Observed			Not listed
<i>Felis caracal</i>	Caracal	Remains of prey	Protected		Not listed
<i>Procavia capensis</i>	Rock dassie	Observed			LC
<i>Suricata suricatta</i>	Meerkat	Observed	Protected		LC
<i>Aethomys namaquensis</i>	Namaqua rock mouse		Protected		Not listed
<i>Hystrix africaeaustralis</i>	Porcupine	Observed	Protected		LC
<i>Antidorcas marsupialis</i>	Springbok	Observed	Protected		LC
<i>Raphicerus campestris</i>	Steenbok	Observed	Protected		LC
<i>Cynictis penicillata</i>	Yellow mongoose	Observed	Protected		LC
<b>Reptiles</b>					
<i>Ptenopus spp</i>	Barking gecko				LC
<i>Naja nivea</i>	Cape cobra				Not listed
<i>Chondrodactylus angulifer</i>	Giant ground gecko				LC
<i>C bibronii</i>	Bibrons gecko	Observed			LC
<i>Cordylus spp</i>	Girdled lizard		Protected	Protected	<i>C cataphractus</i> ; - EN
<i>Psammobates tentorius</i>	Karoo tent tortoise				Not listed
<i>Geochelone pardalis</i>	Leopard tortoise	Observed			Not listed
<i>Bitis arietans</i>	Puff adder				Not listed
<i>Nucras ornata</i>	Ornate sand lizard	Observed			Not listed
<i>Agama makarikarica</i>	Spiny agama	Observed			Not listed
<b>Amphibians</b>					
<i>Tomopterna cryptotis</i>	Tremolo sand frog				LC
<b>Invertebrates</b>					
<i>Locustana pardalina</i>	Brown locust	Observed			Not listed
<i>Pterinochilus spp</i>	Baboon spider			Protected	Not listed
<i>Seothyra spp</i>	Buckspoor spider				Not listed

		Observations	NC conservation Act	TOPS (2007)	Cons. Importance (IUCN)
Family Vespidae	Various wasps	Observed			
Opisthophthalmus spp	Burrowing scorpions?	Burrow entrance	Protected	Protected	Not listed
<i>Parabuthus</i> spp	Parabuthid scorpion			Protected	Not listed
Hodotermitidae	Termite				Not listed

TOPS – Threatened or Protected Species GN R151 of the National Environmental Management: Biodiversity Act (Act 10 of 2004) ; IUCN – International Union of Conservation Networks :\*. LC = Least concern; NT = Near threatened; VU = Vulnerable; EN = Endangered CR = Critically Endangered; EW = Extinct in the wild; NE = not evaluated; DD = data deficient

From the above, 6 species that are listed as “Threatened or Protected Species”, in terms of the NEM Biodiversity Act have a high likelihood of occurrence in the locality. Of these, three are invertebrates (two Scorpiones). The scorpions are likely to be present on the subject site, given the sandy nature of the site and the suitable opportunity for the establishment of refugia. *A. frontalis*, is possibly less likely to be present on site, given the low grass cover, although transient movement, usually nocturnal, into the site is possible. Sungazers (*Cordylus spp*) may however be encountered in the area, as they, like the parabuthids, excavate their burrows.

Those specimens most likely to be affected by the establishment of PV 1 on the subject site are:

- Nocturnal species, such as *A. frontalis*, who may succumb to the passage of motor vehicles at night.
- Fossorial species, such as Parabuthids, that may be affected by excavation.

Management actions to reduce species mortality are embedded in the Environmental Management Programme compiled for the project, however, such measures should include:

- Fencing of the site for construction purposes
- Frequent inspection of transformer sumps and fuel bunds.
- Daily inspection of excavated areas.
- The flushing of wildlife from the fenced area, to ensure that no larger specimens are present within the site.
- Walkover to consider the presence of burrows and other signs of small vertebrates and invertebrates being present within the site.

In most cases, it is likely that animal specimens will leave the site as a consequence of disturbance at the commencement of construction. However, some species, such as *Orycteropus afer* are likely to move freely into and out of the construction site, despite fencing and other exclusionary measures. Where this becomes a problem or a risk to the animal, capture and relocation can be considered. Such measures are often not successful and require permitting by authorities. Trained personnel should be engaged where capture and relocation is required.

## 5. CONCLUSION

Review of Kenhardt PV 1 has indicated that this site is devoid of any listed and protected botanical specimens. The site can be described as being subject to significant aridity where aeolian sands may be affecting plant establishment and growth, leading to the presence of only a few of the hardiest of species, with limited cover and verdancy. The presence of listed and protected fauna on the site is unlikely and where encountered, species are generally transient across site or in the case of some invertebrates, may be using the site for the establishment of burrow refugia.

It follows from the above that no applications for licenses to remove listed botanical species from site will be required on Kenhardt PV 1. The likelihood and necessity to obtain permits to relocate listed fauna from site is also considered small, however management measures to avoid mortalities and other disturbance to fauna should be employed. Lastly, it is recommended that a final walk through of the facility area be carried out by the appointed ECO prior to construction in order to log species of significance that may have been previously undetected.



# agriculture, forestry & fisheries

Department:  
Agriculture, Forestry and Fisheries  
REPUBLIC OF SOUTH AFRICA

## APPLICATION FOR A LICENCE REGARDING PROTECTED TREES

[SECTION 15(1) OF THE NATIONAL FORESTS ACT, 1998, AS AMENDED]

### PLEASE READ CAREFULLY

#### This form

If you want to –

- (a) cut, disturb, damage or destroy any protected tree, or
- (b) possess, collect, remove, transport, export, purchase, sell, donate or in any other manner acquire or dispose of any protected tree, or any forest product derived from a protected tree,

you must complete this form (in PRINTED LETTERS and BLACK INK) and send or deliver it to the nearest Forestry office of the Department of Agriculture, Forestry and Fisheries.

#### Exemptions from licensing

Certain of the abovementioned activities, or parts of a protected tree or its products, may from time to time be exempted from licensing, as published in the Government Gazette. Enquiries regarding exemptions can be made at the nearest Forestry office of the Department of Agriculture, Forestry and Fisheries.

#### Other laws

A licence issued under the National Forests Act, 1998, does not exempt you from the provisions of other laws. If, for example –

- (a) what you want to do is identified as an activity under section 24 of the National Environmental Management Act, 1998 (Act No. 107 of 1998), or
- (b) you want to cultivate virgin soil, as covered by the Conservation of Agricultural Resources Act, 1983 (Act No. 43 of 1998),

you must also get permission under those laws.

LIST OF POSSIBLE ACTIVITIES			ACTIVITIES	
Application for:	Mark with X	Parts of form to be completed	Application for:	
Cut, disturb, damage or destroy protected tree(s)		A, B	Sell or donate timber derived from cut, damaged or destroyed protected trees	A, B, I
Prune or de-limb individual trees		A, B, C	Harvest non timber produce, derived from protected trees (e.g. bark, fruit, seed)	A, J
Cut, destroy, and/or transplant protected trees to change the land use (e.g. convert forest to agriculture or infrastructure development)		A, B, D	Transport, move, or export non timber produce, derived from protected trees (e.g. bark, fruit, seed)	A, K
Disturb trees (e.g. by excavations for buildings or earth moving operations)		A, B, E	Transport, move, or export transplanted trees/seedlings	A, K
Selectively cut or destroy individual trees/seedlings (e.g. if you want to remove free-standing individual trees, or trees from amongst other trees)		A, B, F	Transport, move, or export timber derived from cut, damaged or destroyed protected trees	A, L
Transplant live trees/seedlings (e.g. if you want to remove free-standing trees, or trees from amongst others)		A, B, F	Purchase, receive or possess timber derived from cut, damaged or destroyed protected trees	A, L
Use timber derived from protected trees		A, G	Purchase, receive or possess transplanted trees/seedlings	
LIST OF POSSIBLE			Mark with X	Parts of form to be completed
				A, H



<b>A</b>	<b>PARTICULARS OF APPLICANT AND GENERAL INFORMATION</b>
----------	---

Indicate in the space provided below whether you are the owner of the land on which the trees occur, or of a business engaged in disposing of trees and/or their products, or whether you represent the owner of such land or business *(Mark with X)*.

Name of applicant											
Applicant Representative											
ID Number †											
Postal address											
Residential address											
Fax number											
Telephone number											
Cellular phone number											
E-mail address											
Gender:	M	F	Colour:	Black		White		Coloured		Indian	
<i>(Mark with X)</i>			<i>(Mark with X)</i>			X					
† ATTACH A CERTIFIED COPY OF YOUR IDENTITY DOCUMENT TO THIS APPLICATION FORM											

Owner: ☐ Representative: ☒ X

If not the owner, attach proof that you are a duly authorized representative / proxy of the owner(s), and provide the following particulars of the landowner or owner(s) of a business, where applicable *(indicate with N/A where not applicable)*:

Name of landowner											
Name of business owner											
ID Number											
Name of business											
Postal address											
Residential address											
Fax number											
Telephone number											
Cellular phone number											
E-mail address											
Gender:	M	F	Colour:	Black		White		Coloured		Indian	
<i>(Mark with X)</i>	X		<i>(Mark with X)</i>			X					

If relevant to the activity applying for, identify the land on which the tree or trees occur(s):

Supply as much as possible detail information, e.g. province, district, town, property names and numbers, name of forest, where applicable and possible

(Farm name

For what period is the licence required?

<b>B</b>	<b>CUT, DISTURB, DAMAGE<sup>1</sup> OR DESTROY A TREE<sup>2</sup> / TREES<sup>2</sup> FROM ONE OR MORE OF THE FOLLOWING PROTECTED TREE CLASSES<sup>3</sup>:</b>
----------	---

(To be completed by the owner, or his/her authorized representative, of the land on which the trees occur)

Mark with X:

- |    |                            |  |                                     |
|----|----------------------------|--|-------------------------------------|
| a) | a specific individual tree | (an individually proclaimed indigenous or exotic tree)         | <input type="checkbox"/>            |
| b) | a specific group of trees  | (may be indigenous or exotic)                                  | <input type="checkbox"/>            |
| c) | a specific woodland        | (savanna or bushveld)  | <input type="checkbox"/>            |
| d) | a specific tree species    | (A list of proclaimed indigenous species is gazetted annually) | <input checked="" type="checkbox"/> |

[Note<sup>1</sup>: Damage includes that caused by pruning or de-limbing, and bark harvesting]

[Note<sup>2</sup>: Including dead trees]

[Note<sup>3</sup>: Most of the applications will be for class d), where all specimens of a declared species (mostly indigenous) are protected]

Attach a copy of a 1: 10 000, 1:50 000 or similar suitable topo-cadastral or orthophoto map showing the location of the trees in the case of protected classes b) and c) above.

<b>C</b>	<b>PRUNE OR DE-LIMB INDIVIDUAL TREES</b>
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(To be completed by the owner, or his/her authorized representative, of the land on which the trees occur)

a) For what purpose?\_\_\_\_

\_\_\_\_\_

b) Name the tree/trees: \_\_\_\_\_

\_\_\_\_\_

c) How many trees?\_ \_\_\_\_\_

d) Give an indication of the characteristics/size/dimensions of the tree/trees (e.g. multi-/ single-stemmed, shrub/tree, stunted, deformed or of good form; height, extent of crown):

\_\_\_\_\_

\_\_\_\_\_

e Describe the condition of the tree/trees (e.g. whether sparse or dense, healthy, diseased, senile, dying or dead):

\_\_\_\_\_

\_\_\_\_\_

**D CUT, DESTROY AND/OR TRANSPLANT PROTECTED TREES TO CHANGE THE LAND USE**

*(To be completed by the owner, or his/her authorized representative, of the land on which the trees occur)*

a) State whether it is for agriculture, development of infrastructure, clearing of firebreaks, etc., and provide reasons:

\_\_\_\_\_

b) Name the trees\_\_\_\_\_

c) How many trees/how large the area?\_\_\_\_\_

d) Give an indication of the characteristics/size/dimensions of the tree/trees (e.g. multi-/single stemmed, shrub/tree, stunted, deformed or of good form; height, extent of crown)

\_\_\_\_\_

\_\_\_\_\_

e) Describe the condition of the tree/trees (e.g. whether sparse or dense, healthy, diseased, senile, dying or dead):\_\_\_\_\_

\_\_\_\_\_

f) Attach sketch plan and description to illustrate how trees will be affected by development.

Sketch plan attached? <i>(Mark with X)</i>	yes	no
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g) Attach approved building plans and other documentary evidence of compliance with other legislation governing changes in land use

Documents attached? <i>(Mark with X)</i>	yes	no
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**E DISTURB TREES**

*(To be completed by the owner, or his/her authorized representative, of the land on which the trees occur)*

a) For what purpose?\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

b) Name the trees \_\_\_\_

c) How many trees? \_\_\_\_\_

d) Give an indication of the characteristics/size/dimensions of the tree/trees (e.g. multi-/single stemmed, shrub/tree, stunted, deformed or of good form; height, extent of crown)

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e) Describe the condition of the tree/trees (e.g. whether sparse or dense, healthy, diseased, senile, dying or dead): \_\_\_\_\_

---

<b>F</b>	<b>SELECTIVELY CUT, DESTROY OR TRANSPLANT INDIVIDUAL TREES/SEEDLINGS</b>
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*(To be completed by the owner, or his/her authorized representative, of the land on which the trees occur)*

a) For what main purpose? \_\_\_\_\_

*(If it is for control of bush encroachment in woodlands, attach the recommendation of the Dept. of Agriculture, relating to bush encroachment densities, methods of control, and herbicide application rates.)*

b) Name the trees \_\_\_\_

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c) Give an indication of the characteristics/size/dimensions of the tree/trees (e.g. multi-/single stemmed, shrub/tree, stunted, deformed or of good form; height, extent of crown)

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d) Describe the condition of the tree/trees (e.g. whether sparse or dense, healthy, diseased, senile, dying or dead): \_\_\_\_\_

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**G USE TIMBER DERIVED FROM PROTECTED TREES**

*(I.e. relating to trees cut, destroyed or damaged in Parts D & F above, or lying dead trees)*

a) For what purpose? \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

b) Name the tree/trees \_\_\_\_\_

\_\_\_\_\_

c) Is the timber from live or dead trees? (state): \_\_\_\_\_

d) Estimated mass/volume/number of trees/logs/bundles/loads, etc.: \_\_\_\_\_

\_\_\_\_\_

e) Is processing involved, and if so, describe: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**H SELL OR DONATE TIMBER DERIVED FROM PROTECTED TREES**

*(I.e. relating to trees cut, destroyed or damaged in Parts D & F above, or lying dead trees)*

a) Name the tree/trees \_\_\_\_\_

\_\_\_\_\_

b) Name the source of the timber \_\_\_\_\_

\_\_\_\_\_

c) Estimated mass/volume/number of trees/logs/bundles/loads, etc.: \_\_\_\_\_

\_\_\_\_\_

d) Provide name and address of buyer/donee: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

- ☐ *Attach a list of buyers with their addresses, and contact particulars, if relevant, e.g. if you are reselling firewood to retailers.*

List of retailers attached? <i>(Mark with X)</i>	yes	no
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**I HARVEST PRODUCE OTHER THAN TIMBER, DERIVED FROM PROTECTED TREES**

(To be completed by the owner, or his/her authorized representative, of the land on which the trees occur)

a) Describe produce \_\_\_\_\_

b) Name the trees \_\_\_\_\_

c) Describe the harvesting method \_\_\_\_\_

d) How many trees are involved? \_\_\_\_\_

e) Is it for own use or to sell to someone? \_\_\_\_\_

f) Estimated quantity of product: \_\_\_\_\_

**J TRANSPORT, MOVE, OR EXPORT PRODUCE OTHER THAN TIMBER, DERIVED FROM PROTECTED TREES**

a) Name the tree/trees \_\_\_\_\_

b) Name the produce: \_\_\_\_\_

c) From where? (specify forest, property, owner, country, etc.) \_\_\_\_\_

d) To where? (specify country, destination, buyer, processor, etc.) \_\_\_\_\_

e) Estimated mass/volume/bags /loads, etc., and, if applicable, the frequency over a period of time (e.g. 2 10-ton loads once per month within a year):

- ☐ *Attach copy of licence issued to owner of property to harvest produce other than timber, derived from protected trees. In the case of non-wood produce of a species protected in SA, but that is imported from neighbouring countries, attach documentary evidence that such produce was/is being obtained legally, and was/is being legally imported by way of a permit issued in terms of section 3(1) of the Agricultural Pests Act, 1983.*

Copy of licence / documentary evidence attached? (Mark with X)	yes	no
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**K TRANSPORT, MOVE, OR EXPORT TRANSPLANTED TREES/SEEDLINGS OR TIMBER DERIVED FROM PROTECTED TREES**

a) Name the tree/trees \_\_\_\_\_

\_\_\_\_\_

c) In what form? (trees/seedlings, logs, edged logs, beams, planks, poles, firewood, &c.)

\_\_\_\_\_

c) From where? (specify forest, property, owner, country, etc.) \_\_\_\_\_

\_\_\_\_\_

d) To where? (specify country, destination, buyer, sawmill, etc. \_\_\_\_\_

\_\_\_\_\_

e) Estimated mass/volume/number of trees/logs/bundles/loads, etc., and, if applicable, the frequency over a period of time (e.g. 2 10-ton loads once per month within a year):

\_\_\_\_\_

- ☐ *Attach copy of licence issued to owner of property to cut, destroy or transplant protected trees/seedlings, or to use timber. In the case of timber of a species protected in SA, but that is imported from neighbouring countries, attach documentary evidence that timber was/is being obtained legally, and was/is being legally imported by way of a permit issued in terms of section 3(1) of the Agricultural Pests Act, 1983.*

Copy of licence / documentary evidence attached? (Mark with X)	yes	no
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**L PURCHASE, RECEIVE OR POSSESS TRANSPLANTED TREES/SEEDLINGS OR TIMBER DERIVED FROM PROTECTED TREES**

a) From where/whom? (specify forest, property, owner, seller, country) \_\_\_\_\_

\_\_\_\_\_

b) Name the trees \_\_\_\_\_

c) In what form? (trees/seedlings, logs, edged logs, beams, planks, poles, firewood, etc.)

\_\_\_\_\_

d) How acquired? (mention if it has been/will be bought, or has been/will be received as a donation/free of charge)

\_\_\_\_\_

e) Estimated mass/volume/number of trees/logs/bundles/loads, etc., and, if applicable, the frequency over a period of time (e.g. 2 10-ton loads once per month within a year):

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- ☐ *Attach copy of licence issued to owner of property to cut, destroy or transplant protected trees/seedlings, or to use timber. In the case of timber of a species protected in SA, but that is imported from neighbouring countries, attach documentary evidence that timber was/is being obtained legally, and was/is being legally imported by way of a permit issued in terms of section 3(1) of the Agricultural Pests Act, 1983.*

Copy of licence / documentary evidence attached?	(Mark with X)	yes	no
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Was a licence, such as you are applying for, granted to you before?	(Mark with X)	<input type="checkbox"/>	<input type="checkbox"/>
(If yes, provide the licence number)	Licence No.:	<input type="text"/>	

**DECLARATION BY APPLICANT**

*I, the undersigned, declare that all the particulars furnished by me in this application form are true and correct.*

**SIGNATURE:** \_\_\_\_\_ **DATE:** \_\_\_\_\_



***For office use only***

**RECOMMENDATIONS:**

**Signature:**

**Date:**

**APPROVED/NOT APPROVED:**

**Signature:**

**Date**

