**NATIVE VEGETATION MANAGEMENT**

**PLAN**

for a Significant Environmental Benefit

pursuant to the *Native Vegetation Act 1991*

or the *Native Vegetation Regulations 2017*

SEB Area Reference Name:

**Registered Proprietor:**

Period of Management Plan: 20xx-20xx

Plan authored by:

# RECITAL

1. In this Plan, unless the contrary intention appears –
	1. "Native fauna" means an animal or animals of a species indigenous to South Australia
	2. “SEB Area” means an area of land that is protected and managed for conservation to provide a significant environmental benefit to offset the impacts of clearance of native vegetation that has been approved or may be approved sometime in the future
	3. "Owner" means the person who has executed this Agreement as the proprietor of the land containing the SEB Area and includes all successors in title and occupiers of the land. Where two or more persons are named as the Owner the rights and liabilities under this Agreement will pass to all such persons jointly and each of them severally
	4. “the Act” means the *Native Vegetation Act 1991*
	5. Words and phrases defined in the Act, shall for the purposes of this Agreement have the meanings defined in that Act.
2. This Management plan commences upon approval from the Native Vegetation Council (NVC) and may not be varied or terminated except by a written Agreement signed by both the NVC and the Owner.
3. This management plan is binding on, and enforceable against all owners and subsequent owners of the land described in Section 2 and remains operational in perpetuity or until it is rescinded by mutual agreement of the NVC and the Owner.
4. The obligations described in this management plan specifically applies to the land delineated as the “SEB area” in Section 2.4.
5. The Owner shall notify the NVC if any activity on the land is likely to result in damage to the environment or biodiversity assets of the area or if there is any breach or potential breach of this Management Plan.
6. The NVC, any agent of the NVC or any employee or contractor of the Crown, authorised by the NVC may, at any reasonable time, having first notified the landholder:
	1. enter the SEB Area for the purpose of inspecting the land or any fence on the land
	2. enter the SEB Area for the purposes of monitoring the conservation values and condition of the native vegetation and Native fauna protected by this Agreement
7. If the Owner is in breach of this Management plan, the NVC may by notice in writing served on the Owner, specify the nature of the breach and require the Owner to remedy the breach within a reasonable period of time specified in the notice.

# SEB AREA

## Land Owner and Location Details

|  |  |
| --- | --- |
| Property name |  |
| Registered owner | Name:  |
| Postal address:  |
| SEB site manager / provider contact | Name:  |
| Postal address:  | Phone:  |
| Mobile:  |
| Email:  |

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| --- | --- | --- | --- |
| Landscape Board region[[1]](#footnote-1) |  | Local government area |  |
| IBRA[[2]](#footnote-2) region |  | Total SEB area(ha) |  |
| IBRA sub-region |  | SEB points(total, if applicable) |  |
| IBRA association(s) |  |

## Land Parcels

*Parcels whole or in part which comprise the SEB area*

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| --- | --- | --- | --- | --- | --- |
| **Title**(e.g CT/CL) | **Volume** | **Folio** | **Parcel ID** | **Hundred** | **Site ID** |
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## Introduction and SEB Area Description

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| **Background/reason for establishing the SEB area**(e.g. give brief details of clearance application, credit application or grant project) |
|  |

| **Current and past land use history and events impacting the site/s** (e.g. grazing, cropping, previous clearance, known fires; also list any existing covenants, caveats or agreements) |
| --- |
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| **General description of the features within the SEB area** (e.g. wetlands/creeks, soils, aspect, topography and rainfall) |
|  |

| **Summary of the conservation significance of the SEB area** |
| --- |
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## SEB Area Map

This map delineates the SEB Area, vegetation associations (sites) and the land parcels in which the area is located.

*Insert relevant map(s) clearly showing boundaries and vegetation associations (may be produced using Naturemaps -* [*http://www.naturemaps.sa.gov.au/*](http://www.naturemaps.sa.gov.au/)*); add additional maps if required for clarity*

*All maps should be reproducible in black and white without losing information*

# Biodiversity

## Native Vegetation Associations

The SEB Area comprises a total of **x ha of vegetation** and **x SEB points** as outlined in the following table(s). SEB points are calculated from a vegetation assessment undertaken on [date/s] by [name of accredited consultants/company]. A plant species list is given in Appendix 1.

| **Site Number** | **Vegetation Association** | **Area (ha)** | **SEB pts** |
| --- | --- | --- | --- |
| **1** | **Insert name of vegetation association at Site 1** |  |  |
| **General description**[insert description of the vegetation and its condition; include reasons for poor or moderate condition if known (e.g. cropped in 1975); identify high threat weeds present; list any missing habitat features or strata compared to good quality vegetation of this type] |
| *Insert photo of vegtation and resize to fit page* |

| **Site Number** | **Vegetation Association** | **Area (ha)** | **SEB pts** |
| --- | --- | --- | --- |
| **2** | **Insert name of vegetation association at Site 2** |  |  |
| **General description** |
| *Insert photo of vegtation and resize to fit page* |

| **Site Number** | **Vegetation Association** | **Area (ha)** | **SEB pts** |
| --- | --- | --- | --- |
| **3** | **Insert name of vegetation association at Site 3** |  |  |
| **General description** |
| *Insert photo of vegtation and resize to fit page* |

## Threatened Flora and Fauna[[3]](#footnote-3)

|  |  |  |  |
| --- | --- | --- | --- |
| **Plant Species** | **Common Name** | **Site/s** | **Conservation status** |
| **AUS** | **SA** | **Region** |
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| **Vegetation Association** | **Site** | **Conservation status** |
| **AUS** | **SA** | **Region** |
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| **Fauna Species** | **Common Name** | **Recorded during survey (list site/s)** | **Suitable habitat[[4]](#footnote-4)****(list site/s)** | **Conservation status** |
| --- | --- | --- | --- | --- |
| **AUS** | **SA** | **Region** |
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# Management Issues and Actions

## Minimum Management Obligations

During the term of this Plan, the SEB area is dedicated to the conservation of native vegetation and Native fauna on the land and, subject to this Plan, shall not be used in a manner inconsistent with that dedication.

The landholder must not undertake, or permit to occur, any activity that is likely to damage, injure or endanger the native vegetation or native fauna on the SEB area (except as provided for within this Management Plan, or where approved by the NVC).

In particular, the Owner shall not, without the written consent of the Native Vegetation Council, undertake or permit on the SEB area (except as may be provided for within this Management Plan):

* the clearance of native vegetation;
* the planting of exotic vegetation;
* the construction of a building or other structure;
* fertiliser application or artificial feeding;
* cropping or soil disturbance;
* dumping of rubbish, unwanted machinery or plant material;
* new dams or drainage alterations;
* removal of rocks;
* removal of standing or fallen timber;
* vehicle access beyond that which is required to manage and monitor the biodiversity value of the site;
* any other activity that, in the opinion of the NVC, is likely to damage, injure or endanger the native vegetation or habitat of native fauna on the SEB area.

**Grazing**

Stock are to be excluded from the SEB area at all times, with the exception of any ecologically-beneficial grazing strategy identified within this plan and approved by the NVC.

**Fencing**

Fencing must be maintained in a stock proof condition. Where fencing is only to standard to delineate the location of the SEB Area (e.g. one plain wire fence) or there is an unfenced boundary (e.g. a site borders a conservation reserve), the boundary needs to be monitored for stock access. If stock are able to access the area at any time in a manner not approved by this plan, a fence will need to be constructed or upgraded.

**Controlling pests**

The Owner is responsible for the control and, if possible, eradication of declared plant and animal pests pursuant to Section 192 (1) of the *Landscape South Australia Act 2019.* All methods used must minimise off-target damage, minimise soil disturbance and comply with the *Native Vegetation Act 1991* and the *Landscape South Australia Act 2019.* Monitoring should aim to detect any new weeds or pests and management action taken to prevent these from becoming established.

**Overabundant native animals**

If control of a native species is required due to negative impacts (e.g. excessive kangaroo grazing), it must be conducted under permit from the SA Department for Environment and Water where applicable.

**Fire prevention**

The Owner will take all reasonable steps to prevent fire on their land, provided these steps are not inconsistent with their commitments under this Plan. All works must be compliant with the *Native Vegetation Act* *1991* and the *Landscape South Australia Act 2019*.

## Threats - Weeds and Pest Animals

Weed and feral animal species present that pose a threat to the flora/fauna**[[5]](#footnote-5)**

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| **Weed species** | **Common name** | **Declared (Y/N)** | **BCM threat rating** | **Site/s** |
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| **Pest animal species (declared)** | **Common name** | **Recorded on site/s (Y/N)** | **Likely to occur at site/s (Y)** | **Site/s** |
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## Other Threats and Issues Impacting the SEB Area

| Threat or Issue | Description of sites / species affected and the severity of impact (where known) |
| --- | --- |
| Inappropriate total grazing pressure (e.g. stock access, feral grazing animals and/or kangaroos) |  |
| Artificial water source(s) |  |
| Areas with a lack of native vegetation due to past disturbance |  |
| Changed hydrology, salinity, acidity or waterlogging |  |
| Inappropriate fire regime |  |
| Damage from public access (e.g. use of bike trails, off-road vehicles, rubbish dumping, pollution) |  |
| Disease (e.g. *Phytophthora*) |  |
| Other: |  |

## Management Goals and Objectives

* The goal(s) below outline the intent / desired outcome(s) of managing the SEB area over the long term.
* The management objectives define the strategies that must be undertaken in the first 10 years to address threats/issues and progress towards achieving the overall goal.
* The targets and indicators of success clarify what is expected to be achieved and/or observable at the site with 10 years of site management.
* Specific actions, methods and monitoring are detailed in later sections.

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| --- |
| **Goal 1: [insert text here; refer to the instructions document and example plan when filling out these sections]** |
| **Management objectives:**  |
| **Targets/Indicators of success:**  |

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| **Goal 2:**  |
| **Management objectives:**  |
| **Targets/Indicators of success:**  |

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| **Goal 3:**  |
| **Management objectives:**  |
| **Targets/Indicators of success:**  |

## Revegetation

*If no revegetation is needed, state reasons why it is not needed and delete the rest of the section. Should a more detailed revegetation plan be needed, it may be inserted into the appendices (refer to the appendix and delete the tables in this section as needed; the heading above and clause below must remain).*

Unless otherwise agreed by the NVC, any revegetation must:

* be with species indigenous to the local area;
* use seed or plant material collected from as close as possible to the planting site;
* aim to be representative of the structure and composition of the relevant pre-European vegetation benchmark community.

| Reveg Site ID | Area of reveg (ha) | Description of the key structure and composition of the relevant pre-European vegetation benchmark community (e.g. type of vegetation that should be achieved in the longer term; open / dense / clumped distribution of trees, shrubs or groundcovers) |
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**Reveg Site ID:**

*(Standard actions, methods and timing are listed in the Management Plan Actions Template excel file; add another table if more than one site is being established with different preparation requirements)*

| Management Action | Methods | Timing |
| --- | --- | --- |
| Initial weed control |  |  |
| Initial pest control |  |  |
| Seed collection / purchase |  |  |
| Seedling propagation / purchase |  |  |
| Ground preparation |  |  |
| Plant establishment (tubestock) |  |  |
| Plant establishment (direct seeding) |  |  |
| Aftercare |  |  |
| Supplementary replanting |  |  |

**Species to be revegetated**

Method - T = Tubestock, M = Machine Direct Seed, H = Hand Direct Seed

| **Botanical Name** | **Common Name** | **Method** | **Target Density** | **Planting Notes**(e.g. Site ID) |
| --- | --- | --- | --- | --- |
| CANOPY |
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| SUBCANOPY |
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| GROUND LAYER |
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## Risk Management and Contingencies

This section identifies the major risks that have a potential to threaten the successful implementation of the Management Plan or the associated on-ground outcomes, the likelihood of such an event occurring (High, Medium and Low) and steps that will be taken to mitigate or address these risks.

*Relevant mitigating actions identified here are included in the Action Table*

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| **Risk** | **Likelihood** | **Mitigating measures or contingency** |
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## Action Table

This table lists the 10-year management objectives, associated actions and resources required to achieve the Management Goals. Detailed methods are included in the appendices. Indicate if costs are GST inclusive/exclusive.

| 10-Year Management Objective | Management Action | Methods | Approx. cost ($) | Timing |
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| TOTAL COST ($) |  |  |  |  |

## Works Calendar Summary

Year(s) that each management action is to be carried out in order to achieve the 10-year Management Objectives, plus any monitoring and reporting required.

| **Action Item** | **Yr 1** | **Yr 2** | **Yr 3** | **Yr 4** | **Yr 5** | **Yr 6** | **Yr 7** | **Yr 8** | **Yr 9** | **Yr 10** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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## Management Action Map

These map(s) delineate existing infrastructure within the SEB area (e.g. existing fences or watering points), the location of management issues (e.g. weed infestations, rabbit warrens, presence of *Phytophthera*) and the location of works to be undertaken (e.g. fences to be constructed or upgraded or revegetation to be established).

# Monitoring and Reporting

## Standard Monitoring

Observing, documenting and analysing the outcomes of management actions are required. If monitoring shows that the goals of this Plan are not being achieved, the owner or the NVC may request a review and update of the Plan. The following standard monitoring data is required:

* Record of management actions undertaken
* Photographs from at least one representative photographic monitoring site or ‘photo-point’ for each vegetation association (i.e. each ‘site’)
* A map and/or list showing the location of each photo-point and the photo direction
* Annual photographs showing the same field of view as the first (baseline) photograph at each photo-point.
* Record of dominant species and species of interest occurring in the photographs with notes of key changes compared to the baseline.
* Record of seasonal conditions (e.g. rainfall) to assist with evaluating changes.

## Additional Monitoring

If the number of SEB points generated is >150 points (or if stipulated by the NVC) additional assessments of vegetation condition will be undertaken by an accredited consultant at years 5 and 10 of the Management Plan. The method used will be the NVC’s Bushland or Rangelands Assessment Method as appropriate, unless otherwise approved by the NVC.

## Complimentary Monitoring

If **revegetation, management of threatened species** or an **ecological grazing/burning strategy** are a part of this plan, then the following sections outline the relevant monitoring goals and methods that will be used to guide management and document outcomes.

|  |
| --- |
| **Monitoring goal/s** (e.g. what questions will be answered by monitoring the site?) |
| [Monitoring goals should be numbered; the monitoring should give feedback about how the site is responding to management; indicators are listed for each monitoring goal in next section] |

**Ecological indicators**

|  |  |  |
| --- | --- | --- |
| **Monitoring goal no.** | **Ecological indicators**(what is to be measured/observed) | **Methods**(how measurements/observations will be carried out, timing and recording) |
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**Evaluation**

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| **Ecological indicator** | **Year of Plan** | **Target** (e.g. desired state when monitored, possibly in comparison to a baseline, benchmark or control) |
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**Roles and responsibilities**

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| **Monitoring action** | **Timing** | **Person(s) / organisation(s) responsible** |
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## Reporting and review

Progress reports will be submitted to the NVC each year for the first 3 years and as requested by the NVC thereafter. Reports are to include:

* a description of works undertaken for the previous year for each Management Goal
* standard monitoring data as outlined in Section 5.1, photographs and evaluation of outcomes.

Year 5 and 10 assessment reports will be submitted to the NVC and include:

* summary of works undertaken to date
* an evaluation of the condition of the vegetation compared to the baseline/benchmark including photographs and monitoring data
* a review of whether management actions have achieved the management objectives to the extent expected
* suggested changes to management plan (if required)

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| --- | --- | --- | --- |
| **Type of report** | **Report required to be sent to the NVC? (Y/N)** | **Due dates** | **Person(s) / organisation responsible** |
| Progress |  |  |  |
| Year 5 Assessment |  |  |  |
| Year 10 Assessment |  |  |  |

# Execution of the Plan

SEB Area Reference Name: ……………………………………………………….

Signed: ............................................................... Date: ....................................

(“the Decision Date”)

Print Name: ……………………………………………………

* **PRESIDING MEMBER, NATIVE VEGETATION COUNCIL**
* **DELEGATE TO NATIVE VEGETATION COUNCIL**

**Signature of Landowner(s) or seal of Company and authorised signatory:**

Signed: ........................................................................ Date: .............................

Print Name: …………………..………………………………………..

Signed: ........................................................................ Date: .............................

Print Name: ……………………..……………………………………..

APPENDIX 1: PLANT SPECIES LIST

The following plant species were found at the site/s on [insert date/s survey/s undertaken and by whom]

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| --- | --- | --- |
| **Species Name** | **Common Name** | **Site/s** |
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1. Landscape SA region, see <https://landscape.sa.gov.au/> [↑](#footnote-ref-1)
2. IBRA = Interim Biogeographic Regionalisation of Australia [↑](#footnote-ref-2)
3. **BDBSA** = Biological Databases of South Australia. **AUS =** Australia *EPBC Act 1999*: CR = Critically Endangered, EN = Endangered, VU = Vulnerable; **SA =** South Australia *NPW Act 1972:* E = Endangered, V = Vulnerable, R = Rare; **Region (Plants):** E=Endangered, T=Threatened, V=Vulnerable, R=Rare, K=status uncertain, but considered likely to be either rare, vulnerable or endangered, U=Uncommon, Q=Not yet assessed but flagged as being of possible significance, N=Common; **Region (Fauna):** RE = Regionally Extinct, CR = Critically Endangered, EN = Endangered, VU = Vulnerable, RA = Rare, NT = Near Threatened, LC = Least Concern, DD = Data Deficient, NE = Not Evaluated [↑](#footnote-ref-3)
4. Not recorded during latest survey but has been recorded previously at the site or within 5 km (e.g. BDBSA or Atlas of Living Australia record) and the site is deemed suitable habitat [↑](#footnote-ref-4)
5. A weed or pest is considered a management issue if it is Declared under the *Landscapes SA Act 2019* or if the weed has a Bushland Condition Monitoring Weed Threat Rating of 3, 4 or 5 for the region in which it is located [↑](#footnote-ref-5)