This Property Development Plan is designed to help you address section 46(3) of the *Planning Act 1999*, and when completed, it is to be submitted online at www.ntlis.nt.gov.au/planning and the correct fee paid. Call 08 8999 6046 for assistance.

In addition to this application template, maps and spatial data are required for assessment; spatial data should be emailed in a zipped folder to landclearing.DEPWS@nt.gov.au.

# Primary contact

| Division/Department | Contact details |
| --- | --- |
| Land Development Coordination, Department of Environment Parks and Water Security | Phone: 08 8999 3631 (Darwin)Email: landclearing.DEPWS@nt.gov.au |

# Secondary contacts

| Division/Department | Contact details |
| --- | --- |
| Aboriginal Areas Protection Authority (AAPA) | Phone: 08 8999 4365 (Darwin)Phone: 08 8951 5023 (Alice Springs)Email: enquiries.aapa@nt.gov.au |
| Flora and Fauna Division, DEPWS | Phone: 08 8995 5000 (Darwin) |
| Heritage Branch, Department of Territory Families, Housing and Communities (DTFHC) – Darwin office | Phone: 08 8999 5039 (Darwin)Phone: 08 8951 9247 (Alice Springs) |
| Water Resources Division (DEPWS) | Phone: 08 8999 4613 (Darwin) |
| Weed Management Branch (DEPWS) | Phone: 08 8999 4567 (Darwin)Phone: 08 8973 8857 (Katherine)Phone: 08 8962 4314 (Tennant Creek)Phone: 08 8951 9210 (Alice Springs) |

# Checklist of environmental considerations

Please utilise your pre lodgement meeting to determine which considerations are necessary for you address before your application can be lodged.

| Environmental considerations | Type | LCG section | Considered | Document attached |
| --- | --- | --- | --- | --- |
| Land and vegetation resource assessment | Land type map | 4.2.6 \* |  |  |
|  | Land capability assessment | 4.2.7 \* |  |  |
|  | Land suitability assessment | 4.2.8 |  |  |
| Land resource management | Erosion risk | 4.3.2 \* |  |  |
|  | Property boundary buffers | 4.3.3 \* |  |  |
|  | Land management buffers | 4.3.4 |  |  |
| Biodiversity | Biodiversity risk assessment | 4.4.3 |  |  |
|  | Threatened and significant species  | 4.4.4 \* |  |  |
|  | Conservation areas, natural land features and regional biodiversity (includes regional significance) | 4.4.5 \* |  |  |
|  | Sensitive or significant vegetation types | 4.4.6 \* |  |  |
|  | Riparian areas | 4.4.7 \* |  |  |
|  | Wetlands and Groundwater Dependent Ecosystems (GDEs) | 4.4.8 \* |  |  |
|  | Sinkholes | 4.4.9 \* |  |  |
|  | Wildlife corridors | 4.4.10 \* |  |  |
| Water | Water assessment | 4.5 \* |  |  |
| Weeds | Weed assessment | 4.6 |  |  |
| Cultural Heritage | – | 4.7 |  |  |

\* This field is mandatory and an application will not be accepted unless this field has been adequately addressed.

# Proposal, merits and assets

## Parcel details

| Address | Details |
| --- | --- |
| **Location identifier** (e.g. NT Portion, Lot or Section): |  |
| **Parcel number**: |  |
| **Tenure of parcel** (e.g. Freehold, crown lease): |  |
| **Property name** (if applicable): |  |
| **Size of parcel** (ha): |  |
| **Total existing cleared area** (ha):  |  |

## Pre lodgement meeting

A pre-lodgement consultation with the Department of Environment Parks and Water Security (DEPWS) is strongly recommended; however, is not required.

| Enter the date, DEPWScontact name and any issues raised at the pre-lodgement meeting. |
| --- |
|  |

## Proposal

| Area (polygon) name(paddock or nominated number ID) | Intended use(e.g. specify crops or pasture species to be planted. Will pastures be grazed or used for hay production?) | Proposed area (ha) |
| --- | --- | --- |
|  |  |  |
|  |  |  |
|  |  |  |
|  | **Total** |  |

**Attach:** any relevant information about the intended use. For example, pasture or crop requirements such as preferred soils, fertiliser and/or insecticide requirements and management advice. **Yes / No**

## Clearing plan

The clearing plan is a scaled map showing the location of the proposed clearing areas (polygons) identified in the above table, In addition to a clearing plan map, spatial data is required. For more information refer to section 5 of the [Land Clearing Guidelines](https://nt.gov.au/__data/assets/pdf_file/0007/236815/land-clearing-guidelines.pdf) and the [unzoned clearing spatial data requirements fact sheet](https://nt.gov.au/property/land-clearing/freehold-land/apply-to-clear-freehold-land/spatial-data-minimum-requirements-for-unzoned-clearing-of-native-vegetation).

1. **Attach:** Clearing plan map. **Yes / No**
2. **Attach:** Clearing plan spatial data. **Yes / No**

## Previously cleared areas

Have any of the proposed clearing areas (polygons) been previously cleared? **Yes / No**

* Yes – provide details below.
* No – Go to [section 1.6](#_Total_clearing_on).

| Area (polygon) name | Land use | Permit details | Year cleared | Maintained (y/n) | Area (ha) |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  | **Total** |  |

**Attach:** Map showing the location of previous clearing within the property. **Yes / No**

## Total clearing on the property

Calculate the total native vegetation clearing which has occurred on the property.

| Area (polygon) name | Land use | Permit details | Year cleared | Maintained (y/n) | Area (ha) |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  | **Total** |  |

**Attach:** Map showing the location of previous clearing within the property. **Yes / No**

## Staged clearing

Will the clearing development be staged (areas cleared in different years)? **Yes / No**

* Yes – provide details below.
* No – Go to [section 1.8](#_Staged_clearing).

| Area (polygon) name | Year | Area (ha) |
| --- | --- | --- |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

## Establishment Plan

Outline an Establishment Plan in the table below.

| Activity | Timing | Methods/Details |
| --- | --- | --- |
| Demolition of vegetation | (month/year) | Machinery and techniques: |
| Removal of debris |  | Machinery and techniques, including burning, mulching, temporary location and removal of windrows: |
| Site preparation |  | Machinery and techniques, use of raised beds and their angle to contour: |
| Planting |  | Machinery and techniques: |
| Weed management |  | Indicate control methods: |
| Regrowth management |  | Indicate control methods: |
| Grazing management (if applicable)  |  | Outline when stock will be introduced and stocking regime to be used after establishment: |
| Crop management(if applicable) |  | Outline how crops will be tilled and/or rotated and whether any additional crops or pastures are likely to be added in the future: |

# Merits and amenity

## Merits of the proposal

| Detail the merits of the proposal and how it will benefit the economy, society or environment. |
| --- |
|  |

## Impacts to Amenity

| Assess the risk to existing and future amenity, including recreation or tourism values associated with the proposed development. Describe how risk will be mitigated. |
| --- |
|  |

## Impacts to Neighbours/community

| Assess the risk of chemical spray drift or dust pollution associated with the proposed development and how it may affect neighbours/community. |
| --- |
|  |

## Distance to public infrastructure, natural features and reserves

Are there any service easements, public facilities, utilities, infrastructure, Public roads, drainage easements, service easements, National Parks or Reserves in the locality? **Yes / No**

* Yes - provide details below.
* No – go to [Part 2.5](#_Road_corridors/access).

| Feature(e.g. road, stream) | Distance from clearing (m) | Potential impacts and mitigating measures |
| --- | --- | --- |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

## Road corridors/access

Will the clearing impact on a road corridor and will addition road access be required? **Yes / No**

* Yes - provide details below.
* No – go to [Part 3](#_Water).

| Detail potential impacts and/or road access. |
| --- |
|  |

# Water

## Irrigation

Does the proposal require irrigation? **Yes / No**

* Yes – provide details below.
* No – Go to [section 3.3](#_Water_Control_District).

| What will be the total annual water requirements for the property following establishment of the proposed development? |
| --- |
| For example: Mangoes – 100ha – 5x10m spacing = 860 megalitres per year. |

## Annual Water requirements

| Where will water be sourced and is there adequate supply? |
| --- |
| For example: 860 megalitres per year will be sourced from the Tindall Limestone Aquifer from bore RN32140 at 20 litres per second. |

## Water Control District

Are you proposing to clear in a Water Control District (WCD)? **Yes / No**

* Yes – provide details below.
* No – Go to [section 3.4](#_Water_licensing).

|  |  |
| --- | --- |
| Water Control District |  |

For more information refer to section 4.5.2 of the [Land Clearing Guidelines](https://nt.gov.au/__data/assets/pdf_file/0007/236815/land-clearing-guidelines.pdf) or use NR Maps to view [WCDs](https://nrmaps.nt.gov.au/nrmaps.html#acc3d1ee-c5d8-4a1f-b50c-f70913acbabd).

## Water licensing

Do you need a water licence? [[1]](#footnote-1) **Yes / No**

* Yes – provide details below.
* No – Go to [section 3.5](#_Sinkholes,_waterways,_wetlands).

|  |  |
| --- | --- |
| Licence number |  |
| Maximum annual volume |  |
| Licence expiry date |  |

## Sinkholes, waterways, wetlands and Groundwater Dependent Ecosystems (GDEs)

Are sinkholes, waterways, wetlands or GDEs present within or near the proposed clearing footprint? [[2]](#footnote-2) **Yes / No**

* Yes – provide details below and complete [section 3.6](#_Potential_surface_and).
* No – go to [section 4](#_Land).

| Area (polygon) name | Feature | Distance to feature | If buffer is less than LCG recommendations – Risk/reason | If buffer is less than LCG recommendations – Mitigation measures |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |  |  |  |

**Attach:** Show the location of any sinkholes, waterways, wetlands and GDEs and their proposed buffers in relation to the proposed clearing footprint. **Yes / No**

## Potential surface and groundwater impacts

What are the potential impacts to surface water and groundwater?

| Discuss the risk of chemical sprays or aerial application of fertiliser drifting into and polluting surface water or groundwater, including via sinkholes and describe how risk will be mitigated.Describe the frequency of spraying and application method/s. |
| --- |
|  |

# Land

## Land types

Use the pro-forma located at Appendix A of this document, one for each land type identified and summarise each land type description in [section 3.2](#_Annual_Water_requirements).

For more information go to section 4.2 of the [Land Clearing Guidelines](https://nt.gov.au/__data/assets/pdf_file/0007/236815/land-clearing-guidelines.pdf) and NR Maps to view [land system mapping](https://nrmaps.nt.gov.au/nrmaps.html#39fbc19f-7b48-4ed3-a436-4fa2a4c1aa26) and [land unit mapping](https://nrmaps.nt.gov.au/nrmaps.html#b96cef46-897e-422c-8258-a8d7cbcc6f25) to assist you with land type mapping.

**Note:** land type mapping must be at a scale of 1:5,000 to 1:20,000; as such, land system and land unit mapping can only be used as a guide.

1. **Attach:** Map showing land types within the proposed clearing footprint. **Yes / No**
2. **Attach:** Land type spatial data (refer to [unzoned clearing spatial data requirements fact sheet](https://nt.gov.au/property/land-clearing/freehold-land/apply-to-clear-freehold-land/spatial-data-minimum-requirements-for-unzoned-clearing-of-native-vegetation)). **Yes / No**
3. **Attach:** A completed pro-forma (Appendix D) for each land type which includes detailed vegetation, soil and landform information including site photographs. **Yes / No**

## Land capability/land suitability

The type of assessment required will be at the discretion of the Land Assessment Branch, DEPWS, subject to a pre-lodgement consultation (see [section 2.1](#_Merits_of_the) of this document).

For more information go to section 4.2.7 and 4.2.8 of the [Land Clearing Guidelines](https://nt.gov.au/__data/assets/pdf_file/0007/236815/land-clearing-guidelines.pdf).

The following table is only a summary, you must attach all land capability/suitability assessment documentation.

| Land type | Description | Land capability class | Land suitability class | Total area (ha) |
| --- | --- | --- | --- | --- |
| A |  |  |  |  |
| B |  |  |  |  |
| C |  |  |  |  |
| D |  |  |  |  |

**Attach:** Land capability/land suitability assessment documentation. **Yes / No**

# Flora and Fauna

## Threatened species

Are there any records of threatened flora and/or fauna species listed under the Commonwealth Environment Protection and Biodiversity Conservation (EPBC) Act 1999 or the Territory Parks and Wildlife Conservation (TPWC) Act 1976 within or near the proposed clearing area (minimum 20km radius)? [[3]](#footnote-3) **Yes / No**

* Yes - provide details below and [section 5.2](#_Risks_to_threatened).
* No – go to [section 5.3](#_Significant_or_sensitive).

**Listing codes**

* Critically Endangered (CR)
* Endangered (EN)
* Vulnerable (VU)
* Near Threatened (NT)
* Data Deficient (DD)
* Restricted Range (RR).

| Common name  | Species name | EPBC Act listing  | TPWC Act listing  | Date of record |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

## Risks to threatened species

Assess the risks, likelihood of impacts occurring and possible consequences to each threatened species associated with the proposed development. Identify any associations that the species may have with landforms, vegetation structure or dominant plant species and how the risks will be minimised (refer to section 4.4 (Table 17) and section 4.4.6 of the [Land Clearing Guidelines](https://nt.gov.au/__data/assets/pdf_file/0007/236815/land-clearing-guidelines.pdf)).

Find out about [threatened flora](https://nt.gov.au/environment/native-plants/threatened-plants) and [threatened fauna](https://nt.gov.au/environment/animals/threatened-animals) species.

| Species name | Risk | Likelihood of risk | Mitigation measures |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

## Significant or sensitive vegetation communities

Are there any significant or sensitive vegetation communities such as [rainforest](https://nrmaps.nt.gov.au/nrmaps.html#e0e567e5-630d-4d18-96b5-f4cb890e5d17), monsoon vine forest or vine thicket; [sandsheet heath](https://nrmaps.nt.gov.au/nrmaps.html#d7f7c2a6-9f6b-4558-b6a5-5a8be88e62e1); riparian vegetation; mangroves; and vegetation containing large trees with hollows suitable for fauna within 250m of the proposed clearing?[[4]](#footnote-4) **Yes / No**

* Yes – provide details below and [section 5.4](#_Risks_to_significant).
* No – go to [section 5.5](#_Commercial_harvest_of).

| Description of significant or sensitive vegetation community | Co-ordinate position and datum(e.g. GDA94) | Land Clearing Guidelines recommended buffer | Proposed buffer |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**Attach:** Show the location of significant vegetation communities on a copy of the land type map and clearing plan. **Yes / No**

## Risks to significant or sensitive vegetation communities

Identify and assess the risks to significant or sensitive vegetation communities associated with the proposed clearing and intended use. Describe how risks will be mitigated. Potential impacts include:

* weed incursion
* fertiliser/chemical inputs
* erosion and/or sedimentation
* reduced wildlife movement to or from community.

Consider any benefits from fire management.

| Species name | Risk | Likelihood of risk | Mitigation measures |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

## Commercial harvest of threatened flora

An application under the Territory Parks and Wildlife Conservation Act 1976 can be made with this Property Development Plan.

Are any threatened flora species (such as Cycads) intended for commercial harvest? **Yes / No**

* Yes – Contact Parks and Wildlife Permits office 08 8999 4795.
* No – go to [section 6](#_Regional_biodiversity).

# Regional biodiversity

Is the proposed clearing area likely to impact on regional biodiversity?

|  |  |
| --- | --- |
| Is the proposed clearing area: | Yes / No |
| 1. large in total area (e.g. greater than or equal to 5,000ha)
 |  |
| 1. medium in total area (greater than or equal to 1,000ha) and will remove a high proportion of the total extent of any individual ecosystem or vegetation type from a property or region
 |  |
| 1. removing or impacting regionally rare or uncommon ecosystems or vegetation type(s)
 |  |
| 1. resulting in degradation of important riparian systems
 |  |
| 1. assessed as likely to impact upon significant biodiversity values
 |  |
| 1. likely to have potential for significant off-site impacts beyond the clearing footprint.
 |  |

* Yes – to any of the above, provide details below.
* No – go to [section 6.1](#_Sites_of_Conservation).

If you answered ‘yes’ to any of the above then provide information in the table below on the potential impacts on regional biodiversity of the proposed clearing area.

| How will the clearing area impact regional biodiversity? |
| --- |
|  |

## Sites of Conservation Significance

Are there any conservation areas or Sites of Conservation Significance (SoCS) located in the area that may be impacted by the proposed clearing? \* **Yes / No**

* Yes – complete the table below and [section 6.2](#_Risks_to_SoCS).
* No – go to [section 7](#_Property_buffers_and).

|  |  |  |
| --- | --- | --- |
| Description of Conservation Site (SoCS) or area | Distance to proposed clearing | Identified values of SoCS present within clearing area?Y / N |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

**Attach:** Show the location of any Conservation Sites in proximity to the proposed clearing footprint on the Land type map and Clearing Plan. **Yes / No**

\* Information about Conservation Sites can be found at:

* Section 4.4.5 of the [Land Clearing Guidelines](https://nt.gov.au/__data/assets/pdf_file/0007/236815/land-clearing-guidelines.pdf)
* [NT Sites of Conservation Significance](https://nt.gov.au/environment/environment-data-maps/important-biodiversity-conservation-sites/conservation-significance-list)
* [Directory of Important Wetlands in Australia](https://www.environment.gov.au/water/wetlands/australian-wetlands-database/directory-important-wetlands)
* [Australia's Ramsar Sites](https://www.environment.gov.au/water/wetlands/publications/factsheet-australias-ramsar-sites)
* [SoCS layer](https://nrmaps.nt.gov.au/nrmaps.html#3a62bcff-bd1e-4808-bd98-813068d6d781) on NR Maps.

## Risks to SoCS

Identify and assess the risks to any SoCS associated with the proposed clearing and intended use and describe how risk will be mitigated.

| SoCS | Risk | Mitigation measures |
| --- | --- | --- |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

## NT EPA referral

To determine whether your proposal will trigger referral, under the *Environment Protection Act 2019*, refer to the following document:

* [Referring a proposed action to the NT EPA - Environmental impact assessment guidance for proponents](https://ntepa.nt.gov.au/__data/assets/pdf_file/0009/805167/referring-proposed-action-to-ntepa-guideline.pdf)
* [NT EPA Environmental Factors and Objectives](https://ntepa.nt.gov.au/__data/assets/pdf_file/0020/804602/guide-ntepa-environmental-factors-objectives.pdf).

For more information go to section 3.4 of the [Land Clearing Guidelines](https://nt.gov.au/__data/assets/pdf_file/0007/236815/land-clearing-guidelines.pdf).

|  |  |
| --- | --- |
| Not referred to NT EPA | Yes / No |
| Referred – assessment not required (attach advice from NT EPA)  | **Yes / No** |
| Referred – assessment required (attach advice from NT EPA) | **Yes / No** |

# Property buffers and wildlife corridors

## Property boundary buffers

Are property boundary buffer minimum widths proposed to be retained as recommended in section 4.3.3 (Table 14) of the [Land Clearing Guidelines](https://nt.gov.au/__data/assets/pdf_file/0007/236815/land-clearing-guidelines.pdf) (excluding firebreaks)? **Yes / No**

* Yes – go [section 7.2](#_Wildlife_corridors).
* No – Attach and provide details below.

|  |  |  |  |
| --- | --- | --- | --- |
| Area (polygon) name | Distance to (cadastre) boundary | If less than LCG recommendations – Risk/reason | If less than LCG recommendations – Mitigation measures |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**Note:** Firebreaks should not encroach on property boundary buffer widths.

**Attach:** Show the location and size of any proposed native vegetation property boundary buffers on the clearing plan regardless of their size. **Yes / No**

## Wildlife corridors

Are native vegetation wildlife corridors proposed to be retained as recommended in section 4.4.10 (Table 22, Figure 8) of the [Land Clearing Guidelines](https://nt.gov.au/__data/assets/pdf_file/0007/236815/land-clearing-guidelines.pdf)? **Yes / No**

* Yes –Attach, and provide details below.
* No – go to [section 8](#_Erosion_and_sediment).

| Recommended wildlife corridor minimum width | Proposed minimum width, length and total area (ha) conserved | Describe habitat connectivity (e.g. What do the proposed corridors achieve in terms of habitat retention and wildlife movement? Do they connect existing intact native vegetation?) |
| --- | --- | --- |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

**Attach:** Show the location length and minimum width of the wildlife corridor on the clearing plan in relation to any retained vegetation depicting landscape connectivity. **Yes / No**

# Erosion and sediment control

## Water and wind erosion

Assess the potential for water and wind erosion associated with each phase of the development. Consider:

* slope in and around the proposed clearing footprint, including slope gradient (%), slope length and slope direction
* the vulnerability of the soil type to overland flow (e.g. vulnerable soils include: loose sands; poorly drained soils; sodic or dispersive soils; and shallow soils)
* the risk of receiving erosive floodwater from adjacent streams or runoff from the surrounding landscape (e.g. rises and hills)
* the proposed land use, including projected minimum groundcover (%), tillage practices, and potential loss of soil structure from trafficking
* the vulnerability of soil type to wind erosion (e.g. sandy soils)
* the distance between windbreaks (where tillage is proposed).

| Phase | Risk assessment (Discuss the likelihood of impacts occurring and possible consequences). |
| --- | --- |
| Clearing |  |
| Establishment/Development |  |
| Operational |  |

For more information refer to section 5 of the [Land Clearing Guidelines](https://nt.gov.au/__data/assets/pdf_file/0007/236815/land-clearing-guidelines.pdf) to assist with proposed clearing area design.

**Attach:** A map showing slope (%) within and surrounding the proposed clearing footprint as per the following options. **Yes / No**

|  |  |
| --- | --- |
| Option 1: | Contour map – preferable, particularly for smaller proposed clearing footprints. Existing data may not be available for remote locations. |
| Option 2: | **Raster map** – slope data derived from Digital Elevation Model (DEM), often used for larger proposed clearing footprints. Can be from credible published source (e.g. Geoscience Australia), or professionally generated from field survey. For very large proposed clearing footprints, consider using in conjunction with hillshade layer to indicate landform and direction of slope.  |
| Option 3: | **Land type map** – for small/simple applications where existing contour or DEM data is not available, use a copy of the land type map showing the slope% for each land type and indicate the direction of overland flow (runoff).  |

Use [Slope greater than 2%](https://nrmaps.nt.gov.au/nrmaps.html#0bfd7a90-de41-495e-a6a2-dae352d6edc0) (DEM) layer at NR Maps.

## Erosion and sedimentation

Assess the potential impacts of erosion or sedimentation associated with the proposed development and the likelihood of affecting adjacent land, including infrastructure, roads, native vegetation, natural resource features (e.g. sensitive or significant vegetation, water features, sinkholes, etc.), and cultural features (e.g. heritage places or sacred sites). Refer to section 3.2 of the [Land Clearing Guidelines](https://nt.gov.au/__data/assets/pdf_file/0007/236815/land-clearing-guidelines.pdf).

| Potential impact | Risk assessment (Discuss the likelihood of impacts occurring and possible consequences). |
| --- | --- |
|  |  |
|  |  |
|  |  |
|  |  |

## Erosion and sediment controls

Outline temporary and/or permanent controls that you will implement to minimise the risk of erosion (from wind or rain) and avoid the potential impacts of sedimentation and pollution during each phase of the development. For more information on [controls](https://nt.gov.au/environment/soil-land-vegetation) including management practices and/or structural measures.

|  |
| --- |
| Temporary controls - May relate to clearing phase or establishment phase. |
|  |
| Permanent controls - May relate to establishment phase or operational phase, including on-going management associated with the intended land use. |
|  |

**Attach:** The location of controls on a copy of the clearing plan (with slope % and direction of runoff indicated as it relates to controls). **Yes / No**

# Weeds

## Location of weeds

Are there any weeds declared under the *Weeds Management Act 2001* on the property? Use NR Maps to view [declared weed records](https://nrmaps.nt.gov.au/nrmaps.html#8079acb4-f563-4f3a-ac9e-8197d9dbbd12). For more information go to section 4.6 of the [Land Clearing Guidelines](https://nt.gov.au/__data/assets/pdf_file/0007/236815/land-clearing-guidelines.pdf). **Yes / No**

* Yes – provide details below.
* No – Go to [section 10](#_Heritage_places_or).

| Species | Date of record | Longitude(GDA94) | Latitude(GDA94) | Infestation size and description |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

**Attach:** Show the location of all Class A and B declared weed species, infestation size and description in relation to the proposed clearing footprint. **Yes / No**

## Do you have a Weed Management Plan?

Weed Management Plans are required for weeds that have declared management plans. For information on [Statutory Weed Management Plans](https://nt.gov.au/environment/weeds/how-to-comply-with-the-law/statutory-weed-management-plans). **Yes / No**

* Yes – attach, or provide details below.
* No – go to [section 10](#_Heritage_places_or).

| Species | Aims(e.g. contain spread, reduce extent on fences and tracks) | Methods(e.g. monitor and spot spray) |
| --- | --- | --- |
|  |  |  |
|  |  |  |
|  |  |  |

# Heritage places or archaeological sites

Are there any declared heritage places or archaeological sites within the meaning of the Heritage Act 2011 on the property? To search for heritage places and archaeological sites, go to the  [Department of Territory Families, Housing and Communities website](https://nt.gov.au/property/land/heritage-listings/heritage-register-search-for-places-or-objects). **Yes / No**

* Yes – attach or provide details below.
* No – attach “no heritage places” advice, go to [section 11](#_Sacred_or_significant).

|  |
| --- |
| Address the likelihood of risk and how the risk will be minimised/mitigated. |
|  |

**Attach:** Search results, advice from Heritage Branch and an archaeological survey report if a survey has been conducted. **Yes / No**

**Attach:** A map showing the location of any heritage places in relation to the proposed clearing footprint. **Yes / No**

# Sacred or significant sites

Are there any sacred sites or significant sites protected under the Northern Territory Aboriginal Sacred Sites Act 1989 on the property? For more information on sacred sites or significant sites, go to the [Aboriginal Areas Protection Authority website](https://www.aapant.org.au/). **Yes / No**

* Yes – attach or provide details below.
* No – attach “no sacred or significant sites” advice and go to Part 4.

|  |
| --- |
| Address the likelihood of risk and how the risks will be minimised/mitigated. |
|  |

**Attach:** A report from the Aboriginal Areas Protection Authority (AAPA) outlining the results of a register inspection. **Yes / No**

**Attach:** A map showing the location of any sacred sites or significant sites in relation to the proposed clearing footprint. **Yes / No**

# Checklist of attachments

**Note:** You can show more than one feature on a plan (map) or provide spatial; data (i.e. shapefiles) with appropriate attributes to reduce the total number of plans required.

| Document/information | AttachedY / N |
| --- | --- |
| 1. Additional relevant information (e.g. pasture or crop requirements) (section 1.3).
 |  |
| 1. Clearing plan (section 1.4):
	1. geo-referenced map depicting the proposed clearing footprint
	2. spatial data with appropriate attributes (refer to Appendix C).
 |  |
| 1. Copies of the clearing plan showing one or more of the following:
	1. location of any other areas on the property previously cleared (section 1.5)
	2. location of Sites of Conservation Significance (section 6.1)
	3. location and size of all native vegetation buffers (section 7.1) and wildlife corridors (section 7.2)
	4. location of drainage lines or depressions, waterways (label stream order), wetlands or GDEs, springs or sinkholes adjacent to proposed clearing sites (section 3.13)
	5. slope and direction of potential overland flow (section 8.1) and location of controls (section 8.3)
	6. location of Class A and B weeds (section 9.1)
	7. location of heritage places (section 10)
	8. location of sacred or significant sites (section 11).
 |  |
| 1. Land type map at an appropriate scale of 1:5,000 to 1:20,000 (section 4.1):
	1. detailed land type map
	2. land type spatial data with appropriate attributes (refer to Appendix C)
	3. completed land type pro forma (one per land type) including photographs.
 |  |
| 1. Land capability/suitability assessment documentation (section 4.2).
 |  |
| 1. Advice regarding threatened species.
 |  |
| 1. Advice from NT Government Heritage Branch regarding the presence of declared heritage places or archaeological sites and location of any sites of places.
 |  |
| 1. Results/advice from a Register of Sacred and Significant Sites search from the Aboriginal Areas Protection Authority (AAPA) and location of any sites.
 |  |

Appendix A

Land types Pro forma

In your own words describe each land type within the proposed clearing.

Copy this page and provide details for each land type on a separate sheet.

**Land type:**\*

\* Use A, B, etc to distinguish each land type and identify on the clearing plan.

|  |
| --- |
| **Landform** |
| Describe the landform including slope (%), direction the slope faces [e.g. E, SW]. Include information on the extent of surface gravel and rock outcrop. |
|  |
| **Soil** |
| Describe the dominant soil in this land type highlighting features such as sand and clay content of the soil, soil depth and colour and gravel contents, surface cracking if present and level of soil waterlogging and/or inundation during wet seasons. |
|  |
| **Vegetation** |
| Describe the average height and density of trees [e.g. dense, medium density, sparse or very sparse] and the dominant trees, shrubs, grasses and weeds. |
|  |
| **Soil conservation** |
| Is there evidence of erosion in this land type? Rate the risk of erosion if cleared? Consider: rainfall; slope; slope length (or contributing catchment); soil erodibility; and land use (proposed tillage, mounding and projected groundcover). |
|  |
| **Insert site photographs that depict the landform, vegetation, soil type of the land type.** |
|  |  |
| Photo A | Photo B |
|  |  |
| Photo C | Photo D |

Appendix B – Links to reference material

| Reference | Section | Link to reference source |
| --- | --- | --- |
| **Land clearing guidelines**  | Referred to throughout this form | <https://nt.gov.au/__data/assets/pdf_file/0007/236815/land-clearing-guidelines.pdf> |
| **Water Control Districts (WCDs)**  | [3.3](#_Annual_Water_requirements) | <https://nrmaps.nt.gov.au/nrmaps.html#acc3d1ee-c5d8-4a1f-b50c-f70913acbabd>  |
| **Water licensing** | [3.4](#_Water_licensing_1) | <https://nrmaps.nt.gov.au/nrmaps.html#4019cb0a-357a-478b-95f9-e3548d0059e4> |
| **Sinkholes (NR Maps)** | [3.5](#_Sinkholes,_waterways,_wetlands_1) | <https://nrmaps.nt.gov.au/nrmaps.html#5252cb80-37f0-489c-b58f-223571b2a8f3> |
| **Springs (NR Maps)** | [3.5](#_Sinkholes,_waterways,_wetlands_1) | <https://nrmaps.nt.gov.au/nrmaps.html#addbb4ec-544e-4d51-80a6-6f8f02851f86> |
| **Stream order (NR Maps)** | [3.5](#_Sinkholes,_waterways,_wetlands_1) | <https://nrmaps.nt.gov.au/nrmaps.html#e25847a3-d248-4141-acf4-0edb54cecb2d> |
| **Land system mapping (NR Maps)** | [4.1](#_Land_types) | <https://nrmaps.nt.gov.au/nrmaps.html#39fbc19f-7b48-4ed3-a436-4fa2a4c1aa26> |
| **Land unit mapping (NR Maps)** | [4.1](#_Land_types) | <https://nrmaps.nt.gov.au/nrmaps.html#b96cef46-897e-422c-8258-a8d7cbcc6f25> |
| **Unzoned clearing spatial data requirements fact sheet** | [1.4](#_Clearing_plan) and [4.1](#_Land_types) | <https://nt.gov.au/property/land-clearing/freehold-land/apply-to-clear-freehold-land/spatial-data-minimum-requirements-for-unzoned-clearing-of-native-vegetation> |
| **Flora atlas records (NR Maps)** | [5.1](#_Threatened_species) | <https://nrmaps.nt.gov.au/nrmaps.html#5be0667e-80d2-40fc-bf4c-1354b56feb46> |
| **Fauna atlas records (NR Maps)** | [5.1](#_Threatened_species) | <https://nrmaps.nt.gov.au/nrmaps.html#dd85cd3f-dcc4-4776-b3f5-dbfd2aa1292f> |
| **Threatened flora** | [5.2](#_Risks_to_threatened) | <https://nt.gov.au/environment/native-plants/threatened-plants> |
| **Threatened fauna** | [5.2](#_Risks_to_threatened) | <https://nt.gov.au/environment/animals/threatened-animals> |
| **Rainforest (NR Maps)** | [5.3](#_Significant_or_sensitive) | <https://nrmaps.nt.gov.au/nrmaps.html#e0e567e5-630d-4d18-96b5-f4cb890e5d17> |
| **Sandsheet heath (NR Maps)** | [5.3](#_Significant_or_sensitive) | <https://nrmaps.nt.gov.au/nrmaps.html#d7f7c2a6-9f6b-4558-b6a5-5a8be88e62e1> |
| **NT Sites of Conservation Significance** | [6.1](#_Sites_of_Conservation) | <https://nt.gov.au/environment/environment-data-maps/important-biodiversity-conservation-sites/conservation-significance-list> |
| **Important Wetlands Australia directory** | [6.1](#_Sites_of_Conservation) | <https://www.environment.gov.au/water/wetlands/australian-wetlands-database/directory-important-wetlands> |
| **Australia’s Ramsar Sites**  | [6.1](#_Sites_of_Conservation) | <https://www.environment.gov.au/water/wetlands/publications/factsheet-australias-ramsar-sites> |
| **SoCS layer (NR Maps)** | [6.1](#_Sites_of_Conservation) | <https://nrmaps.nt.gov.au/nrmaps.html#3a62bcff-bd1e-4808-bd98-813068d6d781> |
| **Referring a proposed action to the NT EPA - Environmental impact assessment guidance for proponents** | [6.3](#_NT_EPA_referral) | <https://ntepa.nt.gov.au/__data/assets/pdf_file/0009/805167/referring-proposed-action-to-ntepa-guideline.pdf> |
| **NT EPA Environmental Factors and Objectives** | [6.3](#_NT_EPA_referral) | <https://ntepa.nt.gov.au/__data/assets/pdf_file/0020/804602/guide-ntepa-environmental-factors-objectives.pdf> |
| **Slope greater than 2% (NR Maps)** | [8.1](#_Water_and_wind) | <https://nrmaps.nt.gov.au/nrmaps.html#0bfd7a90-de41-495e-a6a2-dae352d6edc0> |
| **Erosion and sediment controls** | [8.3](#_Erosion_and_sediment_1) | <https://nt.gov.au/environment/soil-land-vegetation> |
| **Declared weeds (NR Maps)** | [9.1](#_Location_of_weeds) | <https://nrmaps.nt.gov.au/nrmaps.html#8079acb4-f563-4f3a-ac9e-8197d9dbbd12> |
| **Statutory Weed Management Plans** | [9.2](#_Do_you_have) | <https://nt.gov.au/environment/weeds/how-to-comply-with-the-law/statutory-weed-management-plans> |
| **Department of Territory Families, Housing and Communities** **website** | [10](#_Heritage_places_or) | <https://nt.gov.au/property/land/heritage-listings/heritage-register-search-for-places-or-objects> |
| **Aboriginal Areas Protection Authority website** | [11](#_Sacred_or_significant) | <https://www.aapant.org.au/> |

1. Use NR Maps to view [water licensing](https://nrmaps.nt.gov.au/nrmaps.html#4019cb0a-357a-478b-95f9-e3548d0059e4) records. [↑](#footnote-ref-1)
2. The [Land Clearing Guidelines](https://nt.gov.au/__data/assets/pdf_file/0007/236815/land-clearing-guidelines.pdf) recommend buffers for sinkholes, waterways, wetlands and GDEs in section 4.4 (tables 18, 19, 20 and 21). Use NR Maps to view [sinkhole](https://nrmaps.nt.gov.au/nrmaps.html#5252cb80-37f0-489c-b58f-223571b2a8f3) and [spring](https://nrmaps.nt.gov.au/nrmaps.html#addbb4ec-544e-4d51-80a6-6f8f02851f86) records, and [Stream Order](https://nrmaps.nt.gov.au/nrmaps.html#e25847a3-d248-4141-acf4-0edb54cecb2d) classifications. [↑](#footnote-ref-2)
3. Use NR Maps to view the [Flora Atlas records](https://nrmaps.nt.gov.au/nrmaps.html#5be0667e-80d2-40fc-bf4c-1354b56feb46) or [Fauna Atlas records](https://nrmaps.nt.gov.au/nrmaps.html#dd85cd3f-dcc4-4776-b3f5-dbfd2aa1292f). [↑](#footnote-ref-3)
4. For information on buffer recommendations refer to section 4.4.6 and 4.4.7 (Tables 18 and 19) of the
[Land Clearing Guidelines](https://nt.gov.au/__data/assets/pdf_file/0007/236815/land-clearing-guidelines.pdf). [↑](#footnote-ref-4)