

**CONTEXT**: This form should only be used to apply to vary an existing Pastoral Land Clearing (PLC) Permit in accordance with the section 91P of the *Pastoral Land Act 1992*.

**PRE-LODGEMENT**: Applications will be screened by the Vegetation Assessment Unit before being accepted for assessment to ensure an application contains all the information required to enable assessment. Incomplete applications will not be accepted.

**LODGEMENT**: Submit the completed form with all required attachments and associated spatial data (e.g. proposed clearing shapefile, etc.) through [Development Applications Online.](https://www.ntlis.nt.gov.au/ilis/planning)

# **Application details**

|  |  |
| --- | --- |
| **Station Name:** |  |
| **NT Portion/s:**  |  |
| **Pastoral District:** |  |
| **Pastoral Lease No:** |  |
| **Document Version Number:** |  |
| **Date:** |  |

# **Applicant details**

For an application to be correctly made under section 91P of the *Pastoral Land Act 1992*, it must be lodged by the permit holder or a person authorised by written consent from the permit holder. Once the application has been accepted, payment of the application fee should be made to the Receiver of Territory Monies and the receipt forwarded to PastoralAssessment.DEPWS@nt.gov.au.

|  |  |
| --- | --- |
| **Form completed by:** |  |
| **Name of consultant:** |  |
| **Name of lessee:** |  |
| **Applicant\* name:** |  |
| **Applicant\* telephone:** |  |
| **Applicant\* email:** |  |
| **Applicant\* postal address:** |  |

\*All correspondence regarding the application will be directed to the applicant.

[ ]  Attach Lessee/s Authorisation form.

Attachment No:

# **Permit details**

|  |  |
| --- | --- |
| **Permit Number:** |  |
| **Date of permit issue:**  |  |
| **Date of permit expiry:** |  |
| **Area of permitted clearing (ha):** |  |
| **Extent cleared to date (ha):** |  |

[ ]  Attach copy of PLC permit Attachment No:

[ ]  Attach copy of PLC permitted Clearing Plan Attachment No:

[ ]  Attach map of permitted clearing undertaken to date Attachment No:

# **Type of proposed variation**

Indicate the aspects of the permit you are proposing to vary.

[ ]  Permit condition – e.g. an Endorsed Plan or land use within the permitted clearing area.

[ ]  Clearing Plan – i.e. the spatial extent of the permitted clearing area.

[ ]  Establishment Plan – i.e. the method and timing of works as prescribed by the permit.

[ ]  Staging Plan – i.e. the clearing schedule as prescribed by the permit.

[ ]  Land Management Plan – i.e. the proposed erosion and sediment control measures.

# **Permit Conditions**

If applying to vary a permit condition, complete the table below.

|  |  |
| --- | --- |
| **Condition No:**(e.g. Conditions Precedent No. 2). |  |
| **Condition Requirement:**(i.e. insert condition wording as it appears on the permit).  |  |
| **Proposed Variation:**(i.e. describe the proposed change).  |  |
| **Reason for Variation:**(i.e. describe reason/s for proposed change).  |  |

[ ]  Attach supporting evidence (if applicable). Attachment No:

# **Variation to Clearing Plan**

If applying to vary the clearing plan, complete the table below.

|  |  |
| --- | --- |
| **Endorsed Drawing No:**(e.g. ABC-001). |  |
| **Total area of clearing as permitted (ha):**(e.g. 100.50 ha) |  |
| **Total area of clearing as proposed (ha):**(e.g. 90.30 ha.  |  |
| **Total area of clearing variation (ha):**(e.g. decrease of 10.20 ha) |  |

[ ]  Attach the variation Clearing Plan\* Attachment No:

\*A map that shows the new proposed clearing extent and how this differs to the permitted clearing extent.

If applying to vary the permitted Clearing Plan, provide a description of the proposed changes and rationale in the table below.

\*Use polygon number on Clearing Plan Endorsed Drawing (if present).

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Polygon ID\* | Permitted clearing area (ha) | Proposed clearing area (ha) | Variation (ha) | Description of variation | Reason for variation |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

Will the proposed changes result in any areas of native vegetation being cleared that were not assessed as part of the original application (i.e. the proposed variation entails clearing outside of the permitted clearing extent as shown on the permitted clearing plan)?

[ ]  No

[ ]  Yes – Attach the following items for the new area:

[ ]  Land Type map Attachment No:

[ ]  Land Type descriptions (see **Appendix A**) Attachment No:

If applying to vary the permitted clearing plan, you will need to demonstrate how the proposed changes address the recommendations outlined in the pastoral land clearing guidelines. Changing from a non-irrigated to an irrigated land use may require submission of a Land Suitability Assessment for the entire clearing extent (contact the Vegetation Assessment Unit on 08 8999 4454).

|  |  |
| --- | --- |
| Consideration | Applicable (yes/no) |
| Land resources, including either* Land Capability Assessment (LCA) – see **Appendix B**
* Land Suitability Assessment (LSA)
 |  |
| Land management and erosion and sediment control |  |
| Biodiversity and threatened species |  |
| Water resources and water use  |  |
| Weed management |  |
| Cultural heritage |  |

[ ]  Attach a summary outlining how the proposed changes address applicable aspects of the LCG and relevant supporting information.

Attachment No:

# 7. Variation to Establishment Plan

If proposing to vary the permitted establishment plan, please complete a new version using the template provided in Appendix C.

[ ]  Attach proposed Establishment Plan Attachment No:

If proposing to vary the permitted Establishment Plan, provide reasons for the proposed changes.

[Insert free text]

# 8. Variation to Staging Plan

If proposing to vary the permitted staging plan, complete a new version using the template provided at Appendix D.

[ ]  Attach proposed Stating Plan Attachment No:

If proposing to vary the permitted Staging Plan, provide reasons for the proposed changes.

[Insert free text]

# 9. Variation to Land Management Plan

If proposing to vary the permitted Land Management Plan, complete a new version using the template provided at Appendix E.

[ ]  Attach proposed Land Management Plan Attachment No:

If proposing to vary the permitted Land Management Plan, provide reasons for the proposed changes.

[Insert free text]

# 10. Water Requirements

Changing from a non-irrigated to an irrigated land use may require submission of a Land Suitability Assessment for the entire clearing extent. If proposing to irrigate the land use, please complete the following:

What will be the total annual water requirement for the property following establishment of the proposed use? For assistance contact the Water Resources Division, DEPWS by email waterresources@nt.gov.au or telephone: (08) 8999 4455.

[Insert free text]

Where will water be sourced and is there adequate supply? (e.g. 860ML/yr will be sourced from the Tindall Limestone Aquifer from bore RN32140 at 20L/s).

[Insert free text]

Will a new Water Extraction Licence be required and if so, what is the status of the licence?

(e.g. an application is yet to be lodged; an application was lodged on dd/mm/yyyy and determination is pending; or Licence No. XX was approved on dd/mm/yyyy).

[Insert free text]

[ ]  Attach a copy of the (new) Water Extraction Licence. Attachment No:

# 11. Spatial Data and Attachment Checklist

Spatial data for the items indicated must be provided before the application will be accepted.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| AttachmentNo. | Name | QuestionNo. | Item attached | Spatial data |
|  | Lessee/s Authorisation form | 2 |  | NA |
|  | PLC permit | 3 |  | NA |
|  | Clearing Plan Endorsed Drawing/s | 3 |  | NA |
|  | Map showing extent of clearing completed within PLC permit extent | 3 |  | NA |
|  | Supporting evidence to vary permit condition/s | 6 |  | NA |
|  | Proposed variation Clearing Plan | 7.1 |  | **Required** |
|  | Land Type map | 7.3 |  | **Required** |
|  | Land Type descriptions | 7.3 |  | NA |
|  | Summary addressing LCG | 7.4 |  | NA |
|  | LCA table & map | 7.4 |  | NA |
|  | LSA report & map | 7.4 |  | NA |
|  | Establishment Plan | 8.1 |  | NA |
|  | Staging Plan | 9.1 |  | NA |
|  | Land Management Plan | 10.1 |  | NA |
|  | Land use map | 11.1 |  | NA |
|  | Water Extraction Licence (for original permit) | 12.1 |  | NA |
|  | Water Extraction Licence (for variation permit) | 12.5 |  | NA |

# Appendix A – Land Type description proforma

**Note:** Complete one table per Land Type. Data generated from Land Type field investigations may be requested.

[ ]  Attach map showing site inspection track, site locations, photo points and Land Types.

 Attachment No:

|  |  |
| --- | --- |
| Attribute  | Description  |
| **Land Type** | *E.g. Use a letter or number to distinguish each Land Type.* |
| **Landform** | *E.g. Describe the landform, slope range, extent of surface rock. Refer to LCG Section 4.2.4 (Yellow Book).*  |
| **Soil** | *E.g. Describe the dominant soil in this Land Type highlighting features such as soil texture, depth, colour, occurrence of surface gravel or cracking, Wet season drainage. Refer to LCG Section 4.2.4 (Yellow Book).*  |
| **Vegetation** | *E.g. Describe the average height and cover of the upper-storey (e.g. individual tree canopies generally overlapping, partially separated, clearly separated or very sparse) and the dominant trees, shrubs, grasses and weeds. Refer to Section 4.2.5 (NVIS level 5).*  |
| **Photo No.** | *E.g. Insert numbered photo (representative of Land Type) and show location on map.*  |

# Appendix B – Land Capability Assessment table

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Land Type | ASS | Flooding | Microrelief | Salinity | Sodicity | Slope | Soil depth | Drainage | Surface Rock | Wind erosion  | Initial capability class | Overall capability class |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |

# Appendix C – Establishment Plan

|  |  |  |  |
| --- | --- | --- | --- |
| Activity | E.g. | Timing(month & year) | Method(describe) |
| **Preparatory works** | Boundary marking, implementation of erosion and sediment controls, weed management |  |  |
| **Felling of vegetation** | Machinery and techniques |  |  |
| **Removal of felled vegetation** | Machinery and techniques, in-situ or pushed-up, burning, mulching, windrow management, etc. |  |  |
| **Site preparation** | Machinery and techniques, levelling/contouring, installation of banks or soil conservation measures, cultivation |  |  |
| **Planting** | Method for each pasture / crop type, spelling, rotations, cover crops, etc.  |  |  |
| **Harvesting** | Method for each pasture / crop type, stubble retention |  |  |
| **Grazing** | Cattle introduction and subsequent stocking regime |  |  |
| **Maintenance** | Regrowth control, weed management, erosion monitoring |  |  |

# Appendix D – Staging Plan

|  |  |
| --- | --- |
| Year | Site Id (e.g. polygon / paddock) |
|  |  |
|  |  |
|  |  |
|  |  |

# Appendix E – Land Management Plan

The following Land Management Plan (LMP) should be developed with reference to the proposed Establishment and Staging Plan. It is not an Erosion and Sediment Control Plan (ESCP). For large or complex clearing areas, preparation and implementation of an Erosion and Sediment Control Plan (ESCP) can be an effective way of managing erosion. Whether a formal ESCP is required as a condition of a PLC permit will be at the discretion of the decision maker based on the advice of the Land Management Unit, DEPWS and will depend on the level of detail provided in this LMP and the erosion risk associated with the proposal. For further information, contact the Land Management Unit on 08 8999 4404.

Provide a general description of the soil loss factors for the proposed clearing extent:

|  |  |  |
| --- | --- | --- |
| Factor: | E.g. | Description |
| **Rainfall** | Consider the climatic zone, seasonal outlook and proposed timing of works. |  |
| **Soil** | Consider the erodibility of soil types present based on soil type texture and structure. Note whether soils are dispersive or sodic.  |  |
| **Length of slope** | Indicate the average length of slope within the proposed clearing extent and areas that exceed this.  |  |
| **Slope gradient (%)** | Indicate the range of slope within the proposed clearing extent (e.g. 0-2%) and areas that exceed 2%. |  |
| **Groundcover** | Consider the timing, duration and frequency of soil exposure.  |  |
| **Management** | Consider the level of soil disturbance associated with the proposed method of clearing and land use.  |  |

Describe where rainfall runoff flows within the proposed clearing extent.

|  |  |  |
| --- | --- | --- |
| Polygon | Direction of runoff | Receiving environment |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

[ ]  Attach map showing slope % and the direction of runoff within the proposed clearing extent.

Attachment No:

Identify whether property boundary buffers will be retained in accordance with the LCG and provide reasons for discretion (if required). Valid reasons must be provided for instances where no property boundary buffers or buffers less than 210m wide (including 10m wide firebreaks) will be retained.

|  |  |  |
| --- | --- | --- |
| Property Boundary | Proposed buffer width (m) | Reasons for discretion |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

Describe any land management buffers to be retained within proximity of the proposed clearing extent.

|  |  |  |  |
| --- | --- | --- | --- |
| Buffer Id. | Location | Width (m) | Purpose and design justification |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

Describe any existing erosion within the proposed clearing extent. Erosion types include: wind, sheet, rill, gully or tunnel erosion.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Erosion Site | Location | Cause | Erosion type & description | Mitigation |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

Considering all information provided above; describe the potential risk, likelihood and impact of erosion associated with the proposed development.

|  |  |  |
| --- | --- | --- |
| Source of risk | Likelihood of occurring | Potential impacts |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

Considering all information provided above; describe the proposed erosion and sediment control (ESC) measures to be implemented during the clearing and establishment phase of the development.

|  |  |  |  |
| --- | --- | --- | --- |
| ESC measure | Location | Temporary/Permanent | Description |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

Considering all the information provided above; describe the proposed erosion and sediment control (ESC) measures to be implemented during the operational phase of the development.

|  |  |  |  |
| --- | --- | --- | --- |
| ESC measure | Location | Temporary/Permanent | Description |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

Provide an erosion and sediment control (ESC) map showing the location of the following information.

[ ]  Attach an ESC map showing the location of the following within the proposed clearing extent:

* Land management buffers (Question 4)
* Existing erosion (Question 5)
* Temporary ESC measures to be installed (Question 7 & 8)
* Permanent ESC measures to be installed (Question 7 & 8)
* Firebreaks, tracks and fences.

Attachment No:

Provide any ESC standard drawings or design details. The level of information required will depend on the complexity of the proposed measures. Information is available on the following website: <https://nt.gov.au/environment/soil-land-vegetation>

[ ]  Attach ESC standard drawings / design details

Attachment No: