

Forest Practices Act 1985 **Forest Practices Plan** FPP No.: AKO0243-01  
 Certification Number: 2016-0500 Local File ID: 2093

Update Type: Initial Last edit by: [REDACTED] Created on: 30/11/2016 Updated on: 21/12/2016

*It is necessary to read this Forest Practices Plan in its entirety for the specifications required by Section 18(2) of the Forest Practices Act 1985. This Forest Practices Plan authorises forest practices and operations to which it refers on the land specified in the Plan and during the period specified in the Plan, provided that the operations are carried out in accordance with the Plan.*  
*This authority is given for the purposes of the Forest Practices Act 1985 only. Those carrying out the operations under the Plan should ensure that they comply with all relevant laws including the conditions of licences, permits and other authorities issued under other laws.*

Coupe Name:	WW035A	Location:	Wentworth State Forest	PTR Number:	-
Tenure:	Permanent Timber Production Zone Land	IBRA 4 region:	Central Highlands	UPI or PID Numbers:	-
District:	Derwent	Municipality:	Central Highlands	Landowners:	Forestry Tasmania
Map Sheet:	D'ARCYS : 4432	Grid reference:	446490mE, 5320621mN	Principal Processors:	Forestry Tasmania
Applicant:	Forestry Tasmania, GPO Box 207 Melville Street, Hobart Tasmania 7001				

Parent Rock 1:	Jurassic Dolerite (JDL)	Soil Description 1:	Red to Brown clayey (RBL)	Stoniness 1:	M
Parent Rock 2:		Soil Description 2:		Stoniness 2:	

Erodibility Class 1: Low (L) 2: Majority Slope: 14 deg. Maximum Altitude: 900 m

Within town water catchment:	Yes	Within a landscape zone in a Municipal Planning Scheme:	No
Water Intake:	98 - Derwent River - Ouse	Known Domestic Water Supply Intake within 2km:	No
Distance to Intake:	60.0 km	Net Area of Crown Land Reserve:	0.0 ha

Public Safety Risk Assessment: Not Required

Emergency meeting Point: 301 - TARRALEAH - JCN BUTLERS GORGE ROAD AND LYELL HWY

Plan certified by: [REDACTED] Date certified: 21/12/2016 Plan lifetime: 22/12/2016 - 31/08/2021 Date notice of intent sent: 01/12/2016

Discrete Operational Phase	Estimated Start Date	Estimated End Date	Details
Roading	22/12/2016	31/08/2017	Main Road Outlet: No Road lengths (km): 1: 0.0 2: 0.0 3: 1.5 4: 0.0
Timber Harvesting	01/01/2017	31/08/2018	Minimum Class of Equipment to be used Dry: C1 Wet: C1 Cable: NA
Reforestation	01/01/2017	31/08/2019	
Reforestation Assessment	01/01/2017	31/08/2021	

Current RFA Forest Community and/or Land Use	Prescription	Ha
Tall E. delegatensis forest (DT)	Aggregated Retention (ARN)	35.10
Tall E. delegatensis forest (DT)	Road Construction (RC)	3.80
Dry E. delegatensis forest (D)	Aggregated Retention (ARN)	11.00
Dry E. delegatensis forest (D)	Areas to be reserved from harvesting (RES)	1.00
Tall E. delegatensis forest (DT)	Areas to be reserved from harvesting (RES)	10.00
Leptospermum sp. / Melaleuca squarrosa swamp forest (L)	Road Construction (RC)	0.20
Net Operational Area:	61.10	Total Area to be Reforested: 46.10
		Total Area to be Harvested: 50.10
		Total Area of Operation: 61.10

**FOREST PRACTICES PLAN**

**A GENERAL**

- Forest Practices shall be carried out in accordance with the principles and approaches specified in the Forest Practices Code (Forest Practices Board 2015). All Forest Practices Code (FPC) mandatory statements (“will” statements) apply, whether or not they are referred to below. The specific requirements set out below are also mandatory.
- Forest Practices Plan (FPP) Objective: The objective for the harvest area covered by this FPP is to harvest and regenerate the harvest area using an Aggregate Retention silvicultural system. Fuel treatment may be undertaken post harvest.
- As a measure to reduce the spread of Weeds and or Pathogens in Permanent Timber Production Forest, all Rooding, Harvesting and Site Preparation Machinery will be washed down before being transported to this operation and washed down again, prior to leaving this operation. Wash down will be carried out in accordance with the “Tasmanian Washdown Guidelines for weed and disease control”.
- The Contractor is required to have a copy of the FPP, any subsequent Variation(s) and the Contractor Photo Guide to Natural and Cultural Values, on site during operations.
- The current “Fire Prevention At Forest Operations” procedure (Forest Industry Fire Management Committee) will be adhered to during all operational phases of this Plan.

**B. BUILDING ACCESS TO THE FOREST (ROADING)**  
*Refer also to Part D. Conservation of Natural and Cultural Values and Part F. Management of Fuels, Oils, Rubbish and Emissions*

- Operation Summary - Harvesting of timber will only occur within the harvest boundary as indicated on the attached FPP Map.
- It is the responsibility of the Contractor to cease operations when inclement weather conditions (ie heavy rain) have created or are likely to create violations of the FPC.

Person or organisation assuming primary responsibility for management of forest practices under this section of the plan.	Forestry Tasmania
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**B.1. LOCATION**

- The attached FPP Map details the approximate location of proposed new road construction.
- The road centre line is marked in the forest by Red tape.

**B.2. SPECIFICATIONS**

- The works specified under this Part of the FPP will consist of :
  - a) The construction of approximately 1,500 metres of Class 3 surfaced all weather FPC standard roading.
  - b) All trees should be felled into the roadline clearing. Roadline clearing will be kept to a minimum at all times.
  - c) The maximum clearing width for the roadline should not exceed 30 metres. Trees outside this width may be removed if:
    - Required to improve sightlines and increase effective road drainage
    - Considered to be hazardous, to both road users and the road structure
 These trees will be identified and approved by a Forest Officer prior to removal.
  - d) Trees along the roadline will be felled and stacked within the roadline clearing but not against retained trees. These trees may be salvaged with harvesting operations.
  - e) Standing trees outside the clearing width will be left clear of road construction debris.
  - f) Passing bays should be constructed at an approximate spacing of one every 500 metres.
  - g) A turning point will be constructed approximately 50 metres prior to the end of any spur road.

Initials of parties to the Plan	Landowner and Applicant	<i>CP</i>	FPO	<i>[Signature]</i>
	Date	<i>21/12/16</i>	Date	<i>21/12/16</i>

## B.2. SPECIFICATIONS (Continued)

- The works specified under this Part of the FPP will consist of :
  - h) Water management will be addressed as follows:
    - Culvert spacing will meet the requirements of the FPC for **moderate** erodibility soils. Placement of additional culverts (above FPC requirements) may be required to maintain natural flow of drainage.
    - Minimum culvert size will be 375mm.
    - Sumps, silt traps, and/or rip-raps will be installed on culvert inlets/outlets to impede sedimentation/siltation and fill slope erosion as required.
    - Drainage patterns and systems will be kept functional at all times during the operation.
    - All drains should be installed to ensure that run off does not discharge directly into watercourses.
  - i) Access to natural water sources or construction of artificial water points should be investigated and implemented where appropriate and in accordance with page 89 of the FPC.

### Borrow Pits

- Borrow pits may be used. The location and management of these borrow pits however will be in accordance with the following points
  - The number and size of borrow pits should be minimised.
  - Borrow pits will not be established within 40 meters of any watercourse.
  - Where it is available, topsoil will be stockpiled for subsequent rehabilitation.
  - Borrow pits will be restored at the completion of road construction activity in accordance with Part B of this FPP.

## B.3. LANDINGS

- Unless stated otherwise, timber will be landed along the proposed roadline, employing a continuous landing system, with stockpiles contained wholly within the maximum clearing width.
- Approval is however given to use the landing sites identified under Part C.1 of this FPP and approximately located as per the attached FPP Map, for the stockpiling of products obtained from roadline clearing activity. These landings will be managed in accordance with the details provided under C.1 and C.6 of this FPP.

The selection of additional stockpile sites will be constrained by the following prescriptions:

- They will not be constructed outside the minimum clearing width unless approved by the Forestry Tasmania Officer.
- They will not be constructed where they affect planned road construction activities.
- They will not be placed against retained trees.

## B.4. SNIG TRACKS

- Snig tracks will not be constructed outside the maximum clearing width unless approved, by a Forest Practices Officer.
- It is the responsibility of the contractor to cease operations when water run-off exceeds the minimum standards of the FPC.

## B.5. FELLING

- The maximum clearing width for the roadline should not exceed 30 metres.
- The width of vegetation clearing will be minimised where the road passes through the identified Class 3 and Class 4 streams. A maximum clearing width of 15 metres will apply.
- Where practical, trees will be felled or pushed parallel to the roadline clearing, aiming to minimise the damage to trees outside the maximum clearing width.
- Standing trees outside the clearing width will be left free of road clearing debris.

## B.6. LOGGING EQUIPMENT

- The minimum standard of equipment to be used in this operation is FPC Class C1 equipment.

Initials of parties to the Plan	Landowner and Applicant	<i>OP</i>	FPO	<i>AKO</i>
	Date	21/12/16	Date	21/12/16

**B.7. STREAMSIDE MANAGEMENT**

- One (1) Class 3 stream will be crossed by the proposed road. The approximate crossing point is shown on the FPP map. The following prescriptions will apply:
  - The class 3 stream has multiple channels which will require the construction of two crossing points. Minimum culvert size will be 450 mm diameter.

Person / Organisation nominated to identify and mark streamside reserve boundaries	Person / Organisation nominated to identify and mark machinery exclusion zones
Forestry Tasmania	Not applicable

**B.8. RESTORATION (by the roading contractor)**

**(a) LANDINGS**

- Any landing constructed will be fully restored if not planned for future use or temporarily drained if planned for future use.

**(b) SNIG TRACKS**

- Where snig tracks occur outside the maximum clearing width, the following procedures will be carried out:
  - Snig tracks will be restored and drained in accordance with the FPC for moderate erodibility soils.
  - All cording > 100mm diameter will be lifted up at the completion of each section snigging to facilitate natural drainage or water flow.

**(c) ROADING**

- The roadline formation will be gripped to the standard specified in the FPC for snig tracks on moderate erodibility soils, if delays, of greater than one week, are expected or experienced after formation and prior to drainage construction.
- Drainage systems including table drains, culverts and trafficable grips will be kept functional at all times during the operation and will be left clear and functioning at the completion of the operation.
- The road surface will be restored at the end of the operation to allow unhindered drainage.

**(d) VACATING THE COUPE**

- The contractor will inform Forestry Tasmania when restoration works are complete to enable a final inspection to be carried out, prior to removing all machinery from the harvest area.

Person or organisation assuming primary responsibility for management of forest practices under this section of the plan.	Forestry Tasmania
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**C. HARVESTING OF THE TIMBER**

*Refer also to Part D. Conservation of Natural and Cultural Values and Part F. Management of Fuels, Oils, Rubbish and Emissions*

- Operation Summary - Harvesting of timber will only occur within the harvest boundary as indicated on the attached FPP Map and as marked on the ground in Blue tape by Forestry Tasmania. Trees will not be felled over the harvest boundary as identified on the attached FPP Map unless authorised by a Forest Practices Officer for safety reasons. Where a tree accidentally falls over the boundary a decision will be made by a Forest Practices Officer as to whether the tree will be pulled out or left in place. Machinery will not cross the harvest boundary unless authorised by a Forest Practices Officer.
- In the event the harvest boundary as marked in the field does not match what is depicted on the FPP Map, the contractor will stop work in the area of discrepancy immediately and consult with Forestry Tasmania.
- It is the responsibility of the Contractor to cease operations when weather conditions have created or are likely to create violations of the FPC.

Person or organisation assuming primary responsibility for management of forest practices under this section of the plan.	Forestry Tasmania
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Initials of parties to the Plan	Landowner and Applicant	OP	FPO	<i>[Signature]</i>
	Date	21/12/16	Date	21/12/16

### C.1. LANDINGS

#### Landing Placement

- **Four (4) non-permanent** landing sites are required for this operation and are numbered and approximately located as indicated on the attached FPP Map.
- These sites will be located in the field with **Orange** tape.
- Wood snigged to Landing Number Two (2) and Four (4) will require a road crossing point as approximately identified on the attached FPP Map. The following conditions will apply:
  - The crossing will be approximately at right angles to the road line to minimise impact.
  - The total width of the road surface will be corded prior to snigging any logs.
  - Ensure that no culverts or table drains are blocked.
  - Ensure minimum disturbance to batters and fills.
  - Cording and other debris to be removed on completion with minimal disturbance to the road surface.

#### Landing Management

- If suitable topsoil exists on identified landing sites, then this material will be stockpiled in accordance with the FPC.
- Landings will be managed as all weather landings. They will be well drained, and if required, drains will be established to divert water away from the landing area.
- Landings should be kept as small as practical and will not exceed 0.2 hectares unless approved by an Forest Practices Officer to a maximum size of 0.3 hectares.
- The contractor is encouraged to minimise the production and handling of bark and waste wood at the landing. Bark and waste wood will be managed by returning progressively, as much as practicable of this material to the bush and distributing this as evenly as possible.
- Landings will be established on a pad of bark from processed trees. If a rocky or suitably solid base is not available, landings, including processing area, will be corded prior to establishing the bark pad.
- Fuel tanks should be located so that roads will not be crossed to re-fuel machines. Wet season access tracks to fuel tankers should be corded.

### C.2. SNIG TRACKS

#### Snig Track Location

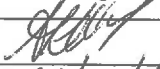
- The approximate location and direction of snig tracks are indicated on the attached FPP Map.

#### Snig Track Management

- Cording or "matting" of sections of main snig tracks will be required during the wet season to minimise rutting. Logging slash and debris will be used as cording whenever possible. Matting will protect feeder tracks where material is available and where necessary.
- It is the responsibility of the contractor to cease operations when water run off exceeds the minimum standards of the FPC.
- Snig track restoration will be carried out progressively, in accordance with the FPC and Part C.6. of this FPP.
- Snig tracks suitable for future game control will be nominated by a Forest Officer. These tracks will be restored by the harvesting contractor with cross drains that allow tracks to be easily upgraded for 4x4 bikes or similar. These tracks will be drained as per firebreaks (refer Section E1.6 **Firebreaks and Access Tracks** FPC 2015).

### C.3. FELLING

- The silvicultural system to be employed for this Part of the FPP is Aggregated Retention. The aim of this system will be to ensure that the majority of the harvest area is located within one tree height of forest retained for at least a full rotation.
- Where appropriate, achievement towards the following outcomes will be assessed during the operation.
  - The approximate locations of aggregates are shown on the attached FPP Map as a constraint.
  - Aggregates will be excluded from the harvest area and marked in the field with blue tape prior to harvesting.
  - Where possible timber should be directional felled away from aggregates.
  - Machinery will not enter the aggregates.
  - Aggregate perimeters should not be used for log extraction or to construct tracks, unless agreed otherwise.
  - Felling will be carried out systematically with the aim to develop progressive restoration.

Initials of parties to the Plan	Landowner and Applicant	CP	FPO	
	Date	21/12/16	Date	21/12/16

**C.3. FELLING (Continued)**

General prescriptions include

- Trees greater than 12 metres in length should be cut prior to snigging to avoid butt damage to retained stems.
- A Forest Officer will discuss seed requirements with the harvesting contractor. If the specified seed crops are found, the contractor will report this to the Forest Officer as soon as possible.
- Forestry Tasmania staff may need to mark seed trees or sections of coupes to be retained to allow seed crops to mature. These trees will be marked with a spray painted S and/or red and white plastic marking tape. If felling of marked seed trees is required for safety reasons, felling must not occur without prior consultation with and consent of the Forest Officer monitoring the operation.

**C.4. LOGGING EQUIPMENT**

- The minimum standard of equipment to be used in this operation is FPC Class C1 equipment.

**C.5. STREAMSIDE MANAGEMENT**

- The proposed harvest boundary adjoins one class 3 stream approximately located and shown on the attached FPP Map. The **Blue** taped line will form the harvest boundary and will be marked prior to the commencement of harvesting.
  - a) Class 3 Stream One (1) Class 3 stream adjoins the western harvest boundary. A minimum streamside reserve width of 20 metres will apply to this stream.
  - b) Class 4 Streams Two Class 4 streams are located within the harvest/operational area. The western-most class 4 stream is crossed by the new class 3 road construction and a 10 metre wide Machine Exclusion Zone will apply to both sides of the stream. The eastern-most Class 4 stream's 10 metre wide Machine Exclusion Zone is wholly contained within an aggregate as shown on the FPP map as a constraint.
- **Five (5) Drainage Lines** are located within the harvest/operational boundary. The following prescriptions apply.
  - a) Drainage Lines Five drainage lines are identified. General locations are shown on the attached FPP Map as Class 5 streams. No snigging is to be conducted along drainage lines.
- If any unmapped watercourse (that does not have specific management prescriptions within the FPP) is encountered, operations are to cease within its vicinity until the advice of a Forest Practices Officer has been received.

Person / Organisation nominated to identify and mark streamside reserve boundaries	Person / Organisation nominated to identify and mark machinery exclusion zones
Forestry Tasmania	Not applicable

**C.6. RESTORATION (by the harvesting contractor)**

- Operation Summary - All restoration activity will be carried out progressively.
  - (a) **LANDINGS**
    - Bark and waste wood should be returned to the forest. Where material remains on the landing it will be managed **progressively** as follows:
      1. Bark and waste wood heaps will be located at least 40m from a flammable boundary and clear of any retained trees.
      2. Sites for heaping bark and waste wood will be cleared to mineral earth.
      3. Waste wood greater than 200mm diameter will be stacked separately from bark and smaller wood. Light limbwood may be included in either bark or waste wood heaps.
      4. Bark will be stacked on a raft of limbwood or spars generally less than 200mm diameter.
      5. The end of the raft must be visible on all sides of the bark heaps when stacking is completed.
      6. The landing pad will be picked up and aerated before stacking on the bark heap. If any bark is contaminated with mud, then this material will be stacked last.
      7. Bark heaps will not contain waste wood greater than 200mm diameter or significant quantities of mud.
      8. Bark and waste wood heaps will be separated from adjacent flammable material by a 3m firebreak cleared to mineral earth.

Initials of parties to the Plan	Landowner and Applicant	CP	FPO	<i>[Signature]</i>
	Date	21/12/16	Date	21/12/16

(a) **LANDINGS (Continued)**

- On sites where suitable topsoil was stockpiled as per Part C.1 of this FPP, this material will be respread over the established landing sites in accordance with the FPC.
- Unless natural drainage directs water away, drains will be constructed around conventional landings to direct water into the surrounding vegetation or fuels, or where appropriate, into table drains.

(b) **SNIG TRACKS**

- Snig track restoration will be carried out progressively in accordance with the FPC for **moderate** erodibility soils.
- Matting and cording generally greater than 100mm diameter will be lifted from snig tracks and scattered over the surrounding area to facilitate natural drainage and reforestation treatment.
- Snig tracks suitable for future game control will be nominated by a Forest Officer. These tracks will be restored by the harvesting contractor with cross drains that allows the tracks to be easily upgraded for 4x4 bikes or similar. The Forest Officer will ensure that a record (date of approval and map location of the tracks) is added to the original FPP and the FT operational file. These tracks will be drained as per firebreaks in accordance with page 88 of the FPC 2015.

(c) **ROADING**

- Drainage systems including table drains, culverts and trafficable grips will be kept functional at all times during the operation and will be left clear and functioning at the completion of the operation.

(d) **VACATING THE COUPE**

- The contractor will inform Forestry Tasmania when restoration works are complete to enable a final inspection to be carried out, prior to removing all machinery from the harvest area.

**D. CONSERVATION OF NATURAL AND CULTURAL VALUES**

*Prescriptions to manage flora, fauna, geomorphic, cultural heritage, landscape and soil and water values*

**D.1 Flora**

- No prescriptions required.

**D.2 Fauna**

**Grey Goshawk**

- If suspected nesting activity (e.g. displaying male birds) is observed or a nest is found, operations must cease within 100 m of the suspected nest site and advice sought from the Forest Practices Authority prior to operations continuing closer to the suspected nest site.

**Eastern Quoll, Spotted Tailed Quoll and Tasmanian Devil**

- Aggregates to be located to target potential denning habitat including mature forest areas.
- If a suspected den site is found, then operations must cease within 50 metres of the suspected site and advice sought from the FPA prior to operations continuing closer to the site.

**Lake Fenton Trapdoor Spider**

- Aggregates will be located to include patches of moss covered rocks.

**Masked Owl**

- If a suspected nest or roost site is located within the operational area during operations, operations should cease within 100 metres of the site and the FPA notified as soon as possible. Nests are located in large trees with large hollows/spouts, and may have evidence of use (e.g. pellets of regurgitated skin and bones; feathers; droppings) at the base of the tree (within the canopy drip zone). Roost sites can be associated with similar habitat features but may occur in understorey shrubs with dense canopies (e.g. native cherry, she-oaks, banksia etc) or rocky outcrops with overhangs, ledges and caves. Such sites may also show evidence of use.

Initials of parties to the Plan	Landowner and Applicant	<i>CP</i>	FPO	<i>[Signature]</i>
	Date	<i>21/12/16</i>	Date	<i>21/12/16</i>

## D.2 Fauna (Continued)

### Wedge tailed eagle and White bellied sea eagle

- Contractors will notify the Forest Practices Officer responsible for the monitoring of the operation if any nests are found during the operation, and the following seasonally-based guidelines applied.
  - If a nest is discovered during the management constraint period (July to January inclusive), cease all forestry activity within 500 m of the nest, or within 1 km if in line of sight of the nest.
  - If a nest is discovered outside the management constraint period (February to June inclusive), cease all forestry activities within 500 m of the nest.
  - The management constraint period may be extended to include the month of February during a late breeding season at the instruction of the Forest Practices Authority.

### Wildlife Habitat Strip and Informal Reserves

- A Wildlife Habitat Strip (WHS) adjoins the south-eastern boundary boundary of the Harvest/Operational area as shown on the FPP map. In addition, two Informal Reserves adjoin the harvest/operational boundary; one on the south-west boundary and the other in the north-west as shown on the FPP map. The following prescriptions will apply:
  - The Wildlife Habitat Strip and Informal Reserves will be marked with BLUE flagging tape.
  - Trees will not be felled into the Informal Reserves & Wildlife Habitat Strip unless authorised by a Forest Practices Officer. If this occurs accidentally a Forest Practices Officer will make a decision as to whether the tree will be removed or left in place. Machinery will not enter the Informal Reserves (Wildlife Habitat Strip).
  - Burning if required and undertaken will be conducted under Forestry Tasmania prescribed conditions to minimise the risk and damage of fire entering the adjacent Informal Reserves and Wildlife Habitat Strip.

#### **Reporting new sites for threatened fauna and flora**

If new sites for threatened fauna (e.g., raptor nests, devil dens etc.) or flora are found during the implementation of a forest practices plan, the sites must be reported to the Forest Practices Authority as soon as practical.

## D.4 Cultural Heritage

- The Forest Officer responsible for monitoring this operation will be contacted in the event that any cultural sites are identified.
- Operations will cease immediately and any cultural site located during the operation will be excluded from the operation area until the advice of the Forest Practices Authority Manager for Cultural Heritage is obtained.

## D.4 Landscape

- No prescriptions required.

### **ESTABLISHING AND MAINTAINING FORESTS**

*Refer also to Part D. Conservation of Natural and Cultural Values and Part F. Management of Fuels, Oils, Rubbish and Emissions*

Person or organisation assuming primary responsibility for management of forest practices under this section of the plan

Forestry Tasmania


## E.1. ESTABLISHMENT

### (a) GENERAL

- The harvest area will be regenerated according to applicable elements of the Forestry Tasmania SOP for Native Forest Establishment and Stand Maintenance.

### (b) SITE PREPARATION (for burning)

- If required a mineral earth firebreak may be constructed around the harvest boundary.
- Mechanical preparation of fuels may occur within the harvest area to ensure burn and regeneration objectives are met.

Initials of parties to the Plan	Landowner and Applicant	CP	FPO	
	Date	21/12/16	Date	21/12/16



(c) **BURNING**

- Any burn to be carried out following completion of harvesting will be conducted in accordance with the Fire Management prescriptions of a low intensity burn plan prepared with reference to Technical Bulletin Number 11.

(d) **SOWING TREATMENT**

- The seed source for the regeneration of this coupe will be artificial sowing. Sowing and seed collection will be carried out in accordance with Silvicultural Technical Bulletin 1 "Eucalypt Seed and Sowing".
- The coupe will be aerially sown with eucalypt species in the same proportion that existed at the time of the harvesting operation.
- A minimum of 10% on site seed should be collected from within the harvest boundary. The balance should be collected from adjacent coupes or from within seed zone H62.
- Assessed species proportions for the planned harvest area are as follows :

Species	Proportion
<i>Eucalyptus delegatensis</i>	100 %

**E.2. RESTORATION (by the reforestation contractor)**

(a) **ROADING**

- Drainage systems including table drains, culverts and trafficable grips will be kept functional at all times during the operation and will be left clear and functioning at the completion of the operation.
- If required, the road surface will be restored at the end of the operation to allow unhindered drainage.

(b) **FIRE BREAKS**

- Fire breaks constructed under this FPP will be gripped in accordance with the FPC for moderate erodibility soils.
- If tracks are required to be constructed during 'mop up' procedures following burning, rehabilitation will be carried out in accordance with FPC requirements for moderate erodibility soils.

(c) **VACATING THE COUPE**

- The contractor will inform Forestry Tasmania when restoration works are complete to enable a final inspection to be carried out, prior to removing all machinery from the harvest area.

**E.3. PROTECTION OF GROWING STOCK**

(a) **GENERAL**

- Insect, frost damage and weed competition will be monitored and appropriate action taken where necessary.
- Is there a fire management plan for this area ?

Yes       No      (check box or bold appropriate option)

(b) **FIRE PROTECTION**

- All fires will be contained on the property of the landowner.
- Fire protection should be conducted as per District Fire Action Plan.

Fire Equipment

- Firefighting equipment will be maintained on site in working condition in accordance with the current guidelines 'Fire Prevention at Forest Operations'

Severe Weather Closure

- All hazardous forest activities will cease in accordance with the current guidelines 'Fire Prevention at Forest Operations'.

Initials of parties to the Plan	Landowner and Applicant	CP	FPO	<i>[Signature]</i>
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(c) **BROWSING**

- The area will be monitored for browsing and action taken as required by the landowner.
- Browsing Transects will be established to monitor germination or browsing losses.
- Browsing control may be carried out if monitoring indicates high risk and unacceptable levels of damage. Procedures will be in accordance with the Mammal Browsing Control Plan and guidelines contained in Forestry Tasmania's "Field Guide for the Management of Browsing Mammal in Tasmanian Forest and Farmland". Method (s) used or adopted may be lethal or non-lethal depending on suspected or indicated levels of damage.

**E.4. ASSESSMENT OF REFORESTATION**

(a) **STOCKING STANDARDS**

- Stocking and growth will be monitored in accordance with NFS Technical Bulletin 12.

**F. MANAGEMENT OF FUELS, OILS, RUBBISH AND EMISSIONS**

(a) **MANAGEMENT OF FUEL AND LUBRICANTS**

- Management of fuels, oils rubbish and emissions will be carried out according to Section F of the Forest Practices Code 2015. Any spills that cause or threaten to cause environmental harm will be reported to Forestry Tasmania as soon as possible. Refuelling sites will be located at least forty (40) metres from any water course to minimize the adverse effects on water quality in the event of any spillage and will be surrounded by an earthen bund capable of containing a fuel spill.
- The actions in the Forestry Tasmania Emergency Response Procedure for oil and fuel spills are to be implemented.

(b) **RUBBISH**

- All rubbish, oil and other litter from the operation will be contained within an appropriate receptacle and will be removed upon completion of the operation to an approved municipal tip site.

**MAP TO SHOW (separate maps may be required for different operations, such as harvesting and reforestation)**

1. Contours, scale and north direction.
2. Boundary of FPP
3. Property boundaries
4. Operational boundaries :
  - Harvesting boundaries
  - Reforestation treatments
  - Reserves
  - Special treatment areas.
5. Sites of natural and cultural significance.
6. FPP Number.
7. Streamside management including marked boundaries of streamside reserves and class.
8. Bridges and fords.
9. Stream crossings
10. Snig track direction
11. Landings
12. Existing and proposed roads and proposed major upgrading including borrow pits.
13. Section boundaries including wet/dry logging areas, cable/conventional logging, reforestation treatments such as burning, sowing, cultivating, planting and areas to be reserved.
14. Cultivation and windrow direction.
15. Firebreaks
16. Additional information as applicable.

Scale: 1:10 000 preferred  
 1:25 000 minimum  
 Key symbols to be used.

**DISTRIBUTION**

Copies of this FPP will be distributed to the following organisations:

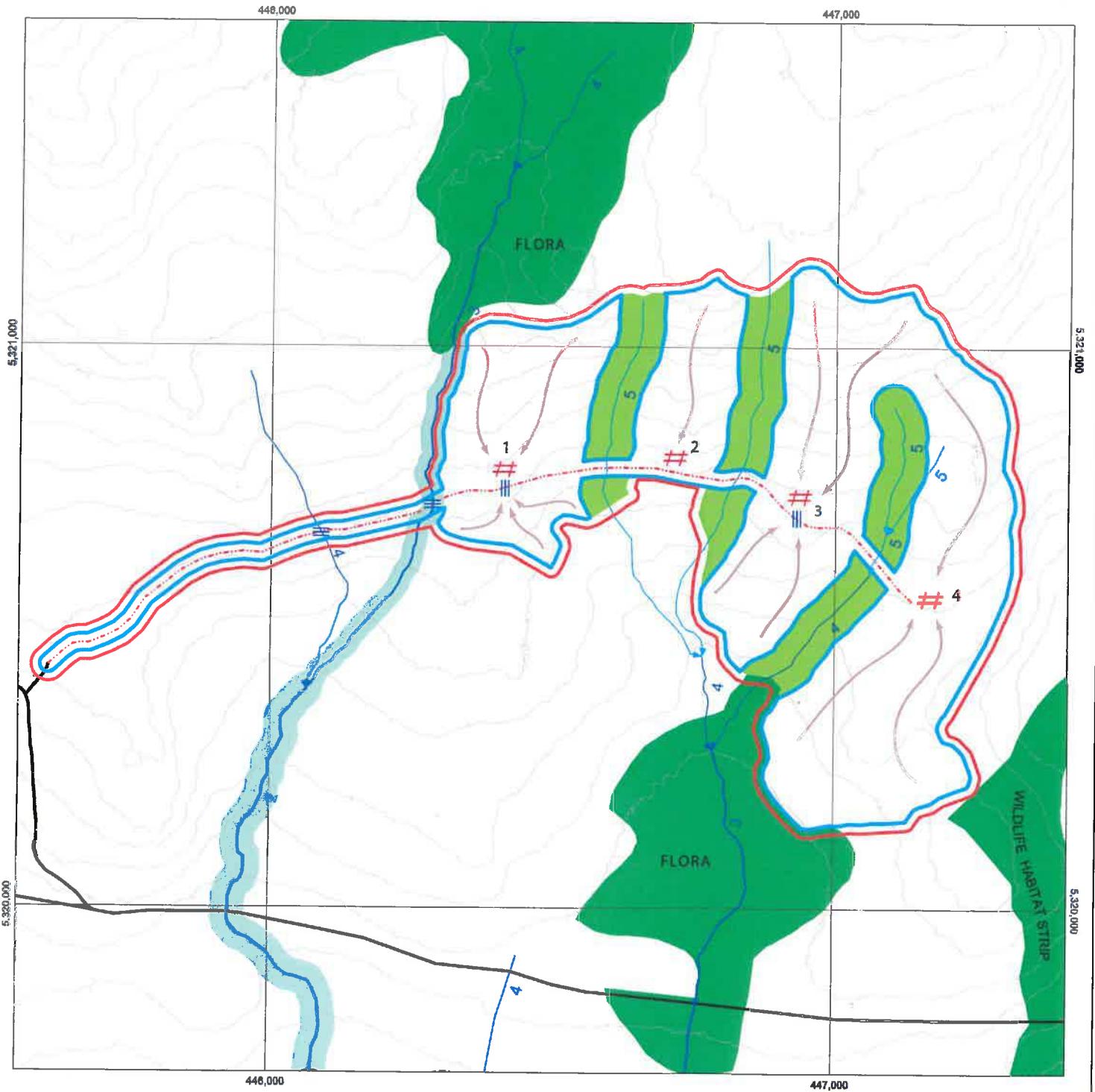
FPP Master File	Forestry Tasmania – Southern Region	
Coupe File	Forestry Tasmania – Southern Region	
Contractor	Roading	Forestry Tasmania – Southern Region
	Harvesting	To be confirmed
	Reforestation	Forestry Tasmania – Southern Region
Forest Officer	Forestry Tasmania – Southern Region	

Coupe: WW035A

FPP No: AKO 0243

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Initials of parties to the Plan	Landowner and Applicant	CP	FPO	<i>[Signature]</i>
	Date	21/12/16	Date	21/12/16



Scale 1:10,000

Mapsheets: DARCYS 4432

Harvest Area 50.1 hectares



LEGEND

Map Centre Coordinates: 446490 mE, 5320621 mN

Date: Tuesday, December 20, 2016

FPP boundary	Located or marked out road	Contractor boundary	Formal reserves	Private land
Harvest boundary	Provisional mapped road	Landing	Future Potential Production Forest	Constraint
Classed Stream	Walking Tracks	Crossing	Informal reserves on PTPZ	Hazard
Unclassed Stream	Hydro/Comms	Bridge	Informal reserves on other tenures	Water
Road class 1-3	Contours	Cable setting	Streamside reserves	
Road class 4	Snig direction	Special point feature	Conditional areas	



NOTE: Map co-ordinates are based on GDA94. Topographic map data is supplied by DPIWE.

**Forest Practices Officer (Planning)**

Certified by

Signature

*[Handwritten signature]*  
[Redacted]

Date

21/12/2016

Name

[Redacted]

Pursuant to a delegation from the Forest Practices Authority under section 43 of the Forest Practices Act 1985.

Initials of parties to the Plan	Landowner and Applicant	<i>CP</i>	FPO	<i>[Signature]</i>
	Date	21/12/16	Date	21/12/16