

Forest Practices Act 1985

Forest Practices Plan

FPP No.: TJW0321-01

Certification Number: 2017-0233

Local File ID: -

Update Type: Initial

Last edit by: [Redacted]

Created on: 20/03/2017

Updated on: 17/05/2017

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:	SO034A	Location:	Tylers Hill	PTR Number:	-
Tenure:	Permanent Timber Production Zone Land	IBRA 4 region:	D'Entrecasteaux	UPI or PID Numbers:	-
District:	South	Municipality:	Huon Valley	Landowners:	Forestry Tasmania
Map Sheet:	PARTRIDGE : 5019	Grid reference:	501300mE, 5198000mN	Principal Processors:	[Redacted]
Applicant:	Forestry Tasmania, 79 Melville Street Hobart, Hobart Tasmania 7000, 62358333				

Parent Rock 1:	Jurassic Dolerite (JDL)	Soil Description 1:	Red clayey (RCL)	Stoniness 1:	M
Parent Rock 2:	Jurassic Dolerite (JDL)	Soil Description 2:	Red clayey (RCL)	Stoniness 2:	H

Erodibility Class 1: Moderate (M) 2: Low (L) Majority Slope: 12 deg. Maximum Altitude: 415 m

Within town water catchment: No
 Water Intake: -
 Distance to Intake: -

Within a landscape zone in a Municipal Planning Scheme: No
 Known Domestic Water Supply Intake within 2km: No
 Net Area of Crown Land Reserve: 0.0 ha

ORIGINAL

Public Safety Risk Assessment: Not Required

Emergency meeting Point: 147 - RAMINEA - JCN ESPERANCE RIVER RD AND HUON HWY

Plan certified by: [Redacted] Date certified: 17/05/2017 Plan lifetime: 18/05/2017 - 31/08/2021 Date notice of intent sent: 16/05/2017

Discrete Operational Phase	Estimated Start Date	Estimated End Date	Details
Roading	18/05/2017	31/08/2017	Main Road Outlet: <input type="checkbox"/> No Road lengths (km): 1: 0.0 2: 0.0 3: 0.24 4: 0.0
Timber Harvesting	28/05/2017	31/08/2018	Minimum Class of Equipment to be used Dry: <input type="checkbox"/> C1 Wet: <input type="checkbox"/> C1 Cable: <input type="checkbox"/> NA
Reforestation	31/08/2018	31/08/2019	
Reforestation Assessment	15/03/2018	31/08/2021	

Current RFA Forest Community and/or Land Use	Prescription	Ha
Tall E. obliqua forest (OT)	Clearfall followed by Sowing of Native Seed (CF-NF)	38.07
Tall E. obliqua forest (OT)	Road Construction (RC)	0.48
Tall E. obliqua forest (OT)	Areas to be reserved from harvesting (RES)	25.30
E. regnans forest (R)	Clearfall followed by Sowing of Native Seed (CF-NF)	7.75
E. regnans forest (R)	Areas to be reserved from harvesting (RES)	2.25
E. pulchella / E. globulus / E. viminalis grassy shrubby dry sclerophyll forest (P)	Clearfall followed by Sowing of Native Seed (CF-NF)	1.50
E. pulchella / E. globulus / E. viminalis grassy shrubby dry sclerophyll forest (P)	Areas to be reserved from harvesting (RES)	15.00
Net Operational Area:	90.35	Total Area to be Reforested: 47.32
		Total Area to be Harvested: 47.80
		Total Area of Operation: 90.35

TW 17/05/17

FOREST PRACTICES PLAN

A. GENERAL

- Forest Practices Plan (FPP) Objective: Road construction will be required in SO034A to allow it to be harvested using ground based machinery. The coupe will be regenerated to Native Forest.
- All operations will be conducted to manage for Moderate erodibility soils.
- Forest Practices shall be carried out in accordance with the principles and approaches specified in the 2015 Forest Practices Code (FPC 2015). All Forest Practices Code mandatory statements ("will" statements) apply, whether or not they are referred to below. The specific requirements set out below are also mandatory.
- The Contractor is required to have the following on site during active operations:
 - a copy of the certified Forest Practice Plan, and any subsequent Variation(s).
 - a copy of the current Forest Practices Code.
 - a copy of the Contractor Photo Guide to Natural and Cultural Values.
- As a measure to reduce the spread of weeds and or pathogens on Permanent Timber Production Zone Land, all Roding, 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".
- 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 minimise 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 current "Fire Prevention at Forest Operations" procedure (Forest Industry Fire Management Committee) will be adhered to during all operational phases of this plan.

A.1: Wedge-tailed Eagle Nest Management

- Activity conducted within Section A as indicated on the attached FPP map, will be scheduled to be completed between February and June, outside the Wedge-Tailed Eagle management constraint period. An activity check and subsequent approval of the Forest Practices Authority Ecologist will be required to allow activity within Section A during the management constraint period. 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.

B. BUILDING ACCESS TO THE FOREST (ROADING)

Refer also to Part D. Conservation of Natural and Cultural Values

LOCATION

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

SPECIFICATIONS

- The construction of approximately 0.24 kilometers of Forest Practice Code Class 3 Road.

C. HARVESTING OF THE TIMBER

Refer also to Part D. Conservation of Natural and Cultural Values

- Harvest prescription is clear fell.
- 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 – responsibility Forestry Tasmania.

LANDINGS

- Two (2) landings numbered 1 and 2 are to be employed with approximate locations shown on the attached FPP map.

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SNIG TRACKS

- Snigging will generally follow the directions indicated on the attached FPP map.

FELLING

- Trees will not be felled over the harvest boundary unless authorised by a Forest Officer for safety reasons. If this occurs accidentally a Forest Officer will make the decision as to whether the tree will be removed or left in place.
- 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. 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.

STREAMSIDE MANAGEMENT

- Two (2) Class 4 streams and five (5) drainage depressions occur within the harvest area (see FPP map). The class 4 streams will have a standard 10 metre machine exclusion zone applied.
- The approximate location of designated crossing points, are shown on the attached FPP map.
- If any unmapped watercourse (that does not have specific management prescriptions within the FPP) is encountered, operations are to cease within its vicinity until advice of a Forest Practices Officer has been received.

RESTORATION

- All restoration activity will be carried out progressively as sections are completed.
- 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 the tracks to be easily upgraded for 4x4 bikes or similar. These tracks will be drained as per firebreaks (refer section E1.6 Fire Breaks and Access Tracks FPC 2015).
- 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

FLORA

- High intensity burning will be designed to minimise the risk of fire entering the area of constraint (*Westringia angustifolia*).

FAUNA

Wedge Tailed Eagle – Known Nest Management

Four known Wedge Tailed Eagle nests are located within 500m and 1.0 km line of sight of the planned harvest area. The following prescriptions will apply.

- The planned harvest area has been divided into two sections to avoid nest desertion and ensure that no activities conducted in accordance with this FPP are carried out within 500 meters or 1.0 kilometre line of sight of the known Wedge Tailed Eagle nests during the management constraint period (July to January inclusive). These sections are identified and located as per the attached FPP Map. The following prescriptions will apply.

Section A

- Activity within this Section will be scheduled to occur between February and June, outside the Wedge Tailed Eagle management constraint period. An activity check and subsequent approval of the Forest Practices Authority Ecologist will be required to allow activity within Section A during the management constraint period (July to January inclusive). 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.

Section B

- No seasonal prescriptions for the Wedge Tailed Eagle apply to the area identified as Section B.

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Wedge Tailed and White Bellied Sea Eagle – General

- The Forest Officer in charge of the operation must ensure that contractors can recognise an eagles nest prior to the start of an operation.
Contractors must be instructed to notify the Forest Practices Authority via the Forest Officer in charge of the operation if any nests are found during the operation, and the following seasonally-based guidelines should be 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.

Masked owl

- If a suspected nest or roost site is located within the operational area during operations, operations should cease within 100 m of the site and notify the Forest Officer in charge of the operation as soon as practical. Nests are usually 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 also occur in understorey shrubs with dense canopies (e.g. native cherry, she oaks, banksia in dry forests) or rocky outcrops with overhangs, ledges and caves. Such sites may also show evidence of use.

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 notify the Forest Officer in charge of the operation as soon as practical. A specialist survey may be required to confirm the identity of the nest and determine the area of habitat surrounding the nest site that should be considered for long-term retention ('nesting location reserve').

Swift Parrot

- Report immediately to the Forest Officer in charge of the operation any evidence of Swift Parrot nest site and/or Swift Parrots being present (heard or seen) inside or within 500 m of the operation during September to February.

Spotted-tailed Quoll, Eastern Quoll & Tasmanian Devil

- If a suspected den is found, operations must cease within 50m of the suspected den site and notify the Forest Officer in charge as soon as practical.

The area shown as a constraint on the attached FPP map has been excluded from this operation for flora and fauna values.

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.

EARTH SCIENCES

- Two (2) Class 4 streams and five (5) drainage depressions occur within the harvest area (see FPP map). The class 4 stream will have a standard 10 metre machine exclusion zone applied.
- If any unmapped watercourse (that does not have specific management prescriptions within the FPP) is encountered, operations are to cease within its vicinity until advice of a Forest Practices Officer has been received.

CULTURAL HERITAGE

- The contractor will notify the Forest Officer responsible for monitoring this operation in the event that any new site is located during the course of the operation.
- Any site found during the operation will be excluded from the operation until advice is obtained from the Forest Practices Authority.

LANDSCAPE

- A landscape constraint is retained between section A and section B as indicated on the FPP map.

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E. ESTABLISHING AND MAINTAINING FORESTS

Refer also to Part D. Conservation of Natural and Cultural Values

ESTABLISHMENT

- Forestry Tasmania is responsible for reforestation under this Forest Practices Plan.
- The coupe will be regenerated according to the Forestry Tasmania Standard Operating Procedure for Native Forest Establishment and Stand Maintenance.
- Mechanical preparation of fuels may occur within the harvest area to ensure burn and regeneration objectives are met.
- 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 operational area.
- Any burn to be carried out following completion of harvesting will be conducted in accordance with an approved burn plan.
- The burn plan will be written to minimise impact on retained vegetation within all streamside reserves.
- The coupe will be aurally sown with eucalypt species in approximately the same proportion that existed at the time of the harvesting operation. A minimum of 10% of each eucalypt species present on the coupe pre harvest should be collected from the coupe or surrounding coupes. The balance should be collected from Seed Zone L18.
- Species proportion for the planned area is *E. obliqua* 80% and *E. Regnans* 20%.

PROTECTION OF GROWING STOCK

- Insect, frost damage and weed competition will be monitored and appropriate action taken where necessary.
- The area covered by this Forest Practices Plan is not covered by a Fire Management Plan. Measures to be taken to provide protection of the new forest from fire are contained in Forestry Tasmania's Southern Region Fire Action Plan.
- The area will be monitored for browsing and action taken as required by the landowner.
- Browsing control may be carried out if monitoring indicates high risk and unacceptable levels of damage. Procedures will be in accordance with the Forest Operation Plan for Mammal Browsing Control and guidelines contained in Forestry Tasmania's Technical Bulletin 11 Monitoring and Protecting Eucalypt Regeneration.
- Every effort will be made to conduct browsing management within Section A outside the Wedge Tailed Eagle management constraint period. In the event that vertebrate browsing control activities are required in accordance with Part E3 (C) of this FPP within Section A during the Wedge Tailed Eagle management constraint period (July to January inclusive) these will be conducted in accordance with Table 1 of the Draft Fauna Technical Note.

ASSESSMENT FOR REFORESTATION

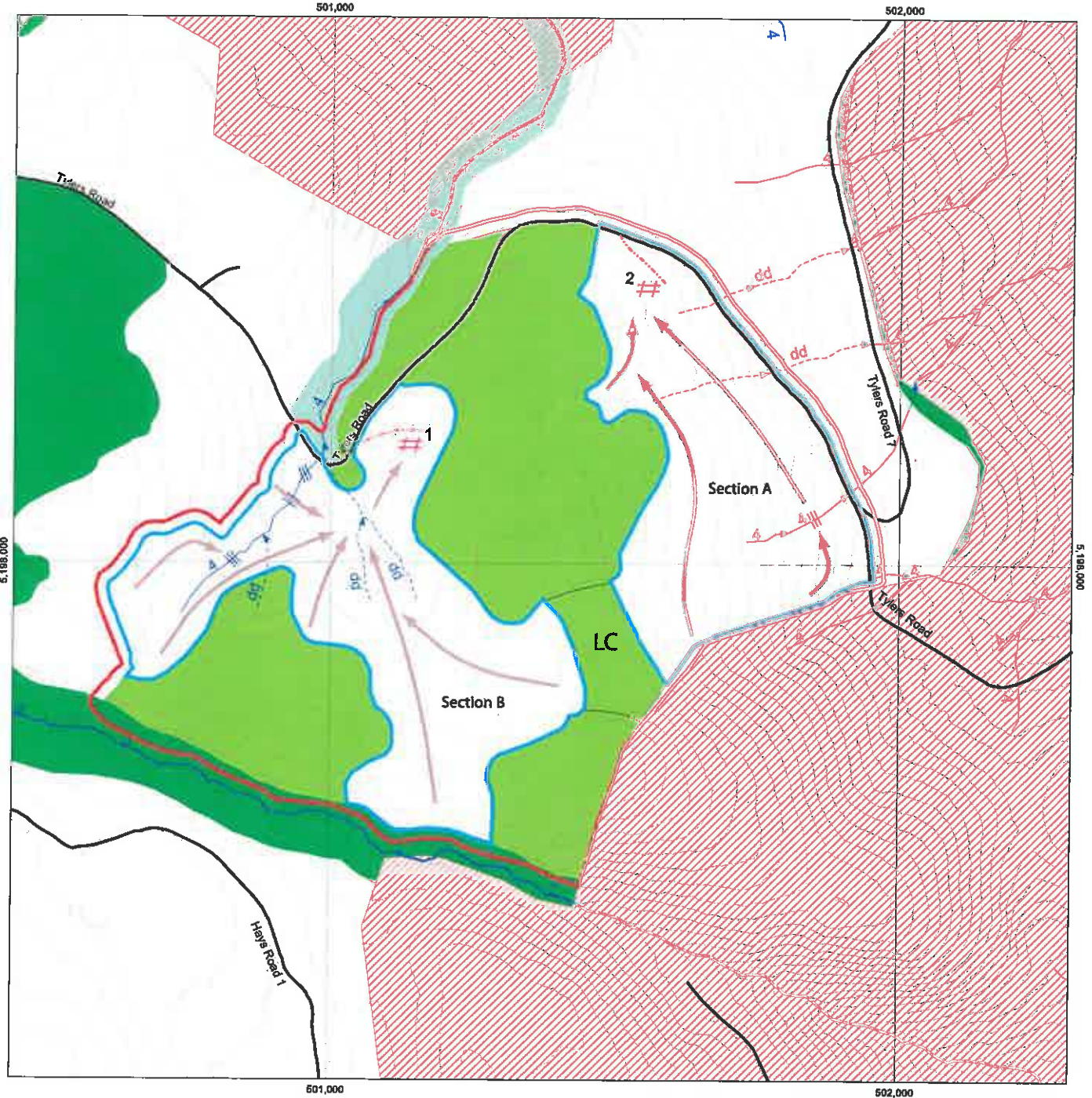
- A regeneration survey will be conducted as soon as indicator plots show a viable number of germinants, within two years of the completion of the operation.
- Stocking will at least be the minimum specified in Technical Bulletin 6 Regeneration Surveys and Stocking Standards.
- Survival of planted areas will be monitored and appropriate action taken if stocking falls below an acceptable level.

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Scale 1:10,000

Mapsheet: PATRIDGE 5019

ORIGINAL

Harvest area 47.8 hectares



LEGEND

Map Centre Coordinates: 501300 mE, 5198000 mN

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	LC Landscape
Road class 4	Snig direction	Special point feature	Conditional areas	

Date: Monday, 15 May, 2017



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

Prepared by: [Redacted]

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FPO Initials: TW

L/O: CP

Appl: CP

Handwritten notes in blue ink: '17/5/17' and 'CP 16/5/17'.

Forest Practices Officer (Planning)

Forest Practices Plan TJW0321 certified by:

Name:	[REDACTED]		
Signature:	[REDACTED]	Date:	17/5/2017

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

Acknowledgment of persons/organisations in relation to Forest Practices Plan Number TJW0321**Landowners Consent**

I am the owner of the land or the authorised agent of the owner of the land referred to in the attached Forest Practices Plan Number TJW0321 and have given my approval for the plan to be submitted to the Forest Practices Authority for certification under section 19 of the *Forest Practices Act 1985*. I understand that, under section 25C of the *Private Forests Act 1994*, if I am a private landowner, I may be required to pay a levy to Private Forests Tasmania based on the nett area of forest operations under the plan.

Name	[REDACTED]	Company or other entity	for Forestry Tasmania
Address	79 Melville Street, Hobart Tasmania 7000	Telephone	[REDACTED]
Signature	[REDACTED]	Date	16/5/2017

Acknowledgment of Applicant

I submit the attached Forest Practices Plan Number TJW0321 to the Forest Practices Authority and apply for its certification. I acknowledge that I understand the provisions of the plan, and that I am responsible for ensuring that the plan is complied with unless otherwise stated in the plan. I understand that I am responsible for the lodgement of interim compliance reports with the Forest Practices Authority within 30 days of the completion of each discrete operational phase* under the plan; and further, for the lodgement of a final compliance report with the Forest Practices Authority within 30 days of the expiry of the plan. I understand that under sections 18(4A) and 18(4B) of the *Forest Practices Act 1985*, I must pay a prescribed application fee at a time, and in a manner, determined by the Authority.

Name	[REDACTED]	Company or other entity	for Forestry Tasmania
Address	79 Melville Street, Hobart Tasmania 7000	Telephone	[REDACTED]
Signature	[REDACTED]	Date	16/5/2017

***Discrete operational phases under this plan include (enter yes or no against each forest practice proposed):**

YES	Road Construction	NO	Tree Clearing
YES	Timber Harvesting	NO	Quarry Operation
YES	Forest establishment (including reforestation)	NO	Tree Fern Harvesting
YES	Assessment of reforestation		

Initials of parties to the Plan	Landowner and Applicant:	FPO:	17/5/17
	Date:	Date:	16/5/17