

Forest Practices Act 1985

# Forest Practices Plan

FPP No.: KIZ0062-01

Certification Number: 2016-0428

Local File ID: 2072

Update Type: Initial

Last edit by: [REDACTED]

Created on: 14/07/2016

Updated on: 01/11/2016

*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:	FO019C	Location:	Florentine Forest Block	PTR Number:	-
Tenure:	Permanent Timber Production Zone Land	IBRA 4 region:	West and Southwest	UPI or PID Numbers:	3386594
District:	South	Municipality:	Central Highlands	Landowners:	Forestry Tasmania
Map Sheet:	GORDONVALE : 4428	Grid reference:	458926mE, 5283329mN	Principal Processors:	
Applicant:	Forestry Tasmania, 79 Melville Street, Hobart, Hobart Tasmania 7001, 62337453				

Parent Rock 1:	Jurassic Dolerite (JDL)	Soil Description 1:	Red to Brown clayey (RBL)	Stoniness 1:	M
Parent Rock 2:	Ordovician Limestone (OLS)	Soil Description 2:		Stoniness 2:	M
Erodibility Class 1:	Low (L)	Erodibility Class 2:	Low (L)	Majority Slope:	11 deg.
			Maximum Altitude:	565 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:	40.0 km	Net Area of Crown Land Reserve:	<not defined>

Public Safety Risk Assessment: Not Required

Emergency meeting Point: 311 - FLORENTINE - FLORENTINE RD - WESTFIELD QUARRY

Plan certified by:	[REDACTED]	Date certified:	01/11/2016	Plan lifetime:	05/11/2016 - 31/08/2021	Date notice of intent sent:	05/10/2016
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Discrete Operational Phase	Estimated Start Date	Estimated End Date	Details
Timber Harvesting	14/11/2016	31/08/2021	Minimum Class of Equipment to be used Dry: C1 Wet: C1 Cable: NA

Current RFA Forest Community and/or Land Use	Prescription	Ha
Plantation : E. nitens (PEN)	Thinning (THN)	34.77
Net Operational Area: 34.77	Total Area to be Reforested: 0.00	Total Area to be Harvested: 34.77
		Total Area of Operation: 34.77

# 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 Authority 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.
- The Forest Practices Plan (FPP) Objective is thinning the stand in one stage within the operation area to approximately **300 stems per hectare** by means of mechanized production thinning. Thinning will remove the smaller, unpruned stems (thinning from below) without damaging retained pruned stems.
- As a measure to reduce the spread of Weeds and or Pathogens in Permanent Timber Production Zone Land, all harvesting 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”** Operations shall not commence until the supervisor has signed off on washdown compliance.
- The current “Fire Prevention at Forest Operations” Procedure (Forest Industry Fire Management Committee) will be adhered to during all operational phases of this plan.
- **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.
- **The Contractor is required to have a copy of the FPP, and any subsequent Variation(s), on site during active operations.**
- **The Contractor is required to have a copy of the current Forest Practices Code on site during operations.**

### A.1: Wedge-tailed Eagle Nest Management

- All activity conducted in accordance with this FPP, 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 in accordance with this FPP during this 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 and Part F. Management of Fuels, Oils, Rubbish and Emissions*

- No new road construction required for this operation.
- Works to upgrade existing roads and pullouts are acceptable within the area covered by this FPP.

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

Forestry Tasmania

Initials of parties to the Plan	Landowner and Applicant	<i>DW</i>	FPO
	Date	<i>31/10/16</i>	Date
			<i>K.G.</i> <i>01/11/16</i>

**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 – Thinning 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 authorized by a Forestry Tasmania Forest Officer for safety reasons.
- 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.

Person or organisation assuming primary responsibility for management of forest practices under this section of the plan.	Forestry Tasmania
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**C.1. STOCKPILE / LOADING BAYS**

Stockpile / Loading Bay Placement

- Conventional processing landings are not provided. Timber is to be processed at stump and forwarded to the road edge stockpiling sites prior to loading.
- Where possible, uncultivated areas adjoining the road will be used for stockpile sites.

Stockpile /Loading Bay Management

- Stockpile / loading bays will be minimised.
- Locations of stockpiles / loading bays will be discussed with a Forestry Officer prior to being used.
- The width of the stockpile sites will be log length plus adequate width for the forwarding machine to pass behind the log stacks to unload and to stand on the road side of the stack to load trucks.
- 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**

Forwarder Track Location

- The general forwarder track directions are shown on the FPP Map.
- Forwarder tracks into and out of stockpile / loading bays are to be corded if soil conditions are wet.
- Forwarder extraction tracks are to be corded in wet areas before they become rutted to a depth of 300 mm over a 20-metre section.
- Tracks will be kept to a minimum and will be located to avoid damage to retained stems.
- Refer to **C.5. STREAMSIDE MANAGEMENT** for prescriptions for the stream crossing on a drainage depression as indicated on the FPP Map.

Forwarder Track Management

- Cording or “matting”, of sections, of main forwarder tracks will be required during wet conditions 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.
- The wet weather limitations prescribed in Section C1 of the Forest Practices Code are to be adhered to.

Initials of parties to the Plan	Landowner and Applicant	<i>DW</i>	FPO	<i>K. G.</i>
	Date	<i>31/10/16</i>	Date	<i>01/10/2016</i>

- Forwarder track restoration will be carried out progressively, in accordance with the FPC and Part C.6. of this FPP.

**C.3. THINNING (Refer also to Part D of this FPP)**

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- All pruned stems are to be retained undamaged unless approved by a Forestry Tasmania (FT) officer responsible for the monitoring of this operation.
- Damage to retained stems is targeted to be 0%, with a tolerance of 5%.
- The required stocking is to be retained at an even distribution.

- **Spacing:**

**Section A - Single Stage Mechanised Production Thinning**

- The aim of the operation is for the stand to be production thinned to the final pruned stocking of approximately **300 spha**, at approximate 6.0 m tree spacing.
- Where the spacing between pruned stems is greater than 6.0 m then retain an unpruned stem of good form, health and vigour.

**Section B**

- Section B will not be thinned.

**C.4. LOGGING EQUIPMENT**

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

**C.5. STREAMSIDE MANAGEMENT**

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- Retain all streamside reserves that were established when the operation area was converted from native forest to plantation. Prior to production thinning, all streamside reserves and associated constraint areas in the operation area as indicated on the FPP Map will be marked in the field with blue tape by Forestry Tasmania.

- **Class 2 Streams:**

There are two Class 2 streams one on the southern boundary and the other in the northwest adjacent to this operation area in constraint areas.

- **Class 3 Streams:**

There is one Class 3 stream on the northern most boundary and one within the centre of the western portion to this operation area.

- **Class 4 Streams:**

There is one Class 4 stream within the operation area, approximately in the centre of the operation area wholly within a constraint area and a small section in the southeast which will form the boundary of the harvesting area.

- The Class 4 stream in the southeast as indicated on the FPP Map will have a standard 10m MEZ applied.

- **Class 5 Stream - Drainage Depression:**

A drainage depression is present in the northeast of the operation as indicated on the FPP Map.

- The crossing of the drainage depression as marked on the FPP Map will be used to allow downhill forwarding in the northeasterly portion of the operation area. The crossing point will be corded.

Initials of parties to the Plan	Landowner and Applicant	OW	FPO	K.G.
	Date	31/10/16	Date	01/11/2016

- 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.

Person or organisation assuming primary responsibility for management of forest practices under this section of the plan.	Forestry Tasmania
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**C.6. RESTORATION** *(by the harvesting contractor)*

- Operation Summary - All restoration activity will be carried out progressively.
- (a) STOCKPILE/LOADING SITES**
- Bark and debris is to be removed from road surface and table drains at stockpile / loading sites.
- (b) FORWARDER TRACKS**
- Forwarder track restoration will be carried out progressively in accordance with the FPC for **Low** erodability soils.
- (c) ROADING**
- Drainage systems including table drains, and culverts 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.

<b>D. CONSERVATION OF NATURAL AND CULTURAL VALUES</b> <i>Prescriptions to manage flora, fauna, geomorphic, cultural heritage, landscape and soil and water values</i>
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**D.1. BIODIVERSITY - FLORA**

- No special management prescriptions required.

**D.2. FAUNA**

**Wedge Tailed Eagle – Known Nest Management**

Two known Wedge Tailed Eagles nests either adjoin or are located within 500m and 1.0 km line of sight of the planned harvest area. The planned harvest area adjoins an Informal Reserve (Fauna – wedge tailed eagle nest) as approximately identified and located as per the attached FPP Map. The following prescriptions will apply.

- Forestry Tasmania will mark the boundaries designated for this Informal Reserve in the field in Blue tape.
- No trees should be felled into or out of the Informal Reserve (Fauna), unless authorised to do so by a FPO for safety reasons. Any trees near the boundary of the Informal Reserve (Fauna) that cannot be safely directionally felled into the operation area will be left standing. Should a tree accidentally fall into the Informal Reserve (Fauna), a decision will be made by a FPO as to whether the tree will be removed or remain in place.

Initials of parties to the Plan	Landowner and Applicant	OW	FPO	K.G.
	Date	31/10/16	Date	01/11/2016

- Machinery will not enter this reserve.
- All activity conducted in accordance with this FPP, 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 in accordance with this FPP during this 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.

**Wedge Tailed Eagle and White Bellied Sea Eagle– General**

- The supervising FPO must provide Contractors with instruction as part of the briefing on how to recognise eagle nests.
- Contractors will notify 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.

**Grey Goshawk**

- If suspected nesting activity is observed operations must cease within 100 m of the suspected nest site and advice sought from FPA prior to activities continuing closer to the suspected nest.

**Masked Owl**

- If suspected nest or roosting site is observed operations must cease within 100 m of the suspected nest site and advice sought from FPA prior to activities continuing closer to the suspected nest.

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

- If a suspected den is found, operations must cease within 50 m of the suspected den site and advice sought from the Forest Practices Authority prior to operations continuing closer to the suspected den site.

**D.3. EARTH SCIENCES**

- Retain all streamside reserves that were established when the operation area was converted from native forest to plantation. Prior to production thinning, all streamside reserves and associated constraint areas in the operation area as indicated on the FPP Map will be marked in the field with blue tape by Forestry Tasmania.
- 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.
- The Forest Officer responsible for monitoring this operation will provide to Contractors working under this FPP guidance as to the identification of karst features.

Initials of parties to the Plan	Landowner and Applicant	DW	FPO	K. Z
	Date	31/10/16	Date	01/11/16

- The Forest Officer responsible for monitoring this operation will be contacted in the event that any new SINKHOLE or CAVE or STREAM SINKHOLE is identified during the conduct of operations in accordance with this FPP.
- Management of newly-found sinkholes will follow the FPA guidelines.
- Operations will cease immediately within 10 m of any newly-found non-enterable cave and within 20 m of any newly-found enterable cave or stream sink until the advice of the Forest Practices Authority Manager for Earth Sciences has been obtained and incorporated into the FPP as a variation to the plan.
- Rocky limestone outcrops will not be driven over by machines.

**Streamside reserves:**

- The Class 4 stream in the southeast will have a standard 10 m MEZ applied.
- The crossing of the drainage depression as marked on the FFP Map will be used to allow downhill forwarding in the north-easterly portion of the operation area. The crossing point will be corded.

**D.4. CULTURAL HERITAGE**

**During forestry operations:**

- The Forest Officer responsible for monitoring this operation will be contacted in the event that any cultural sites are identified during the conduct of operations in accordance with this FPP.
- 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.5. LANDSCAPE MANAGEMENT**

- No special prescriptions required.

Person or organisation assuming primary responsibility for management of forest practices under this section of the plan to identify and mark machinery exclusion boundaries.	Forestry Tasmania
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**E. 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
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Initials of parties to the Plan	Landowner and Applicant	DW	FPO	K. G.
	Date	31/10/16	Date	01/11/2016

**E.1. ESTABLISHMENT**

- Not Applicable

**E.2. PROTECTION OF GROWING STOCK**

**(a) GENERAL**

- Insect, frost damage and weed competition will be monitored and appropriate action taken where necessary.

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 Regional Fire Action Plan.

Fire Equipment

- Fire- fighting 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'

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

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

- All bulk chemical will be stored in a bunded container to avoid potential contamination of groundwater.
- Any chemical spills will be contained as soon as possible and clean up procedures will be promptly implemented where necessary.
- Chemical spills that cause or threaten to cause environmental harm will be reported to Forestry Tasmania as soon as possible.
- Site for equipment refueling and chemical handling will be located at least forty (40) metres from any water course to minimise the adverse risks to water quality.
- The actions in the Forestry Tasmania Emergency Response Procedure for chemical 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.

Initials of parties to the Plan	Landowner and Applicant	DW	FPO	K. G.
	Date	31/10/16	Date	01/11/2016



**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. FFP 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

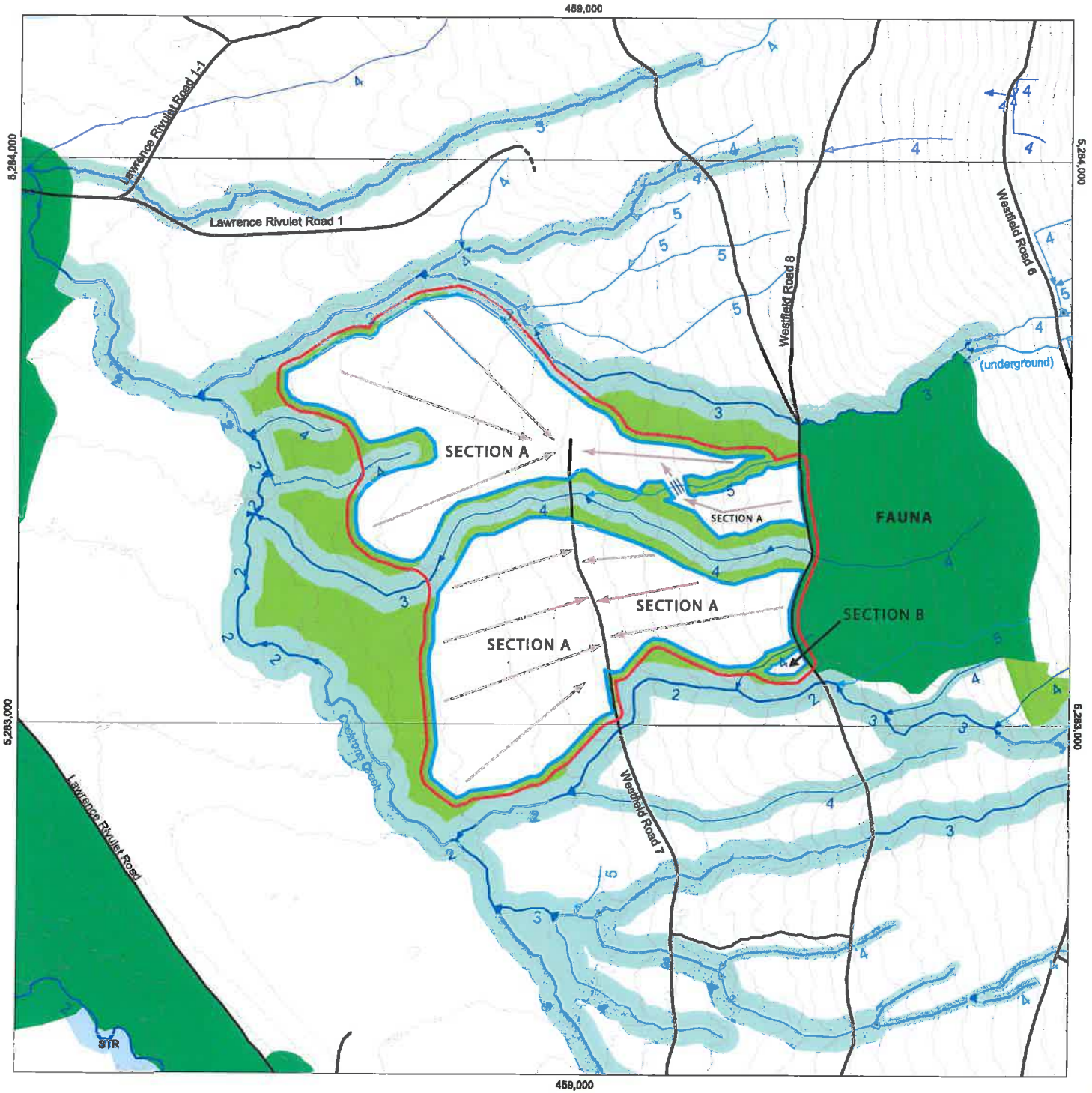
Initials of parties to the Plan	Landowner and Applicant	DW	FPO	K.G.
	Date	31/10/16	Date	01/11/16

**DISTRIBUTION**

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

- FPP Master File                      **Forestry Tasmania**                      – **Derwent District**
- Coupe File                              **Forestry Tasmania**                      – **Derwent District**
- Contractor                              **Harvesting**                              
- Reforestation**                              – **N/A**
- Forest Supervisor                      **Forestry Tasmania**                      – **Southern Region**
- Forest Officer                              **Forestry Tasmania**                      – **Southern Region**
- Forest Practices Authority              **Upload to Online Coverage**

Initials of parties to the Plan	Landowner and Applicant	OW	FPO	K.G.
	Date	31/10/16	Date	01/11/2016



Scale 1:10,000

Section A Operational Area 34.77 hectares

Mapsheets: GORDONVALE 4428

Asset Area 34.94 hectares

A4P



LEGEND

Map Centre Coordinates: 458926 mE, 5283329 mN



Date: Thursday, October 13, 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	Conditional areas
Road class 4	Snig direction	Special point feature		



**Forest Practices Officer (Planning)**

**Certified by**

<b>Signature</b>		<b>Date</b>	01/11/2016
<b>Name</b>			

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	DW	FPO	K.G.
	Date	31/10/16	Date	01/11/2016

**Acknowledgment of persons/organisations in relation to Forest Practices Plan Number KIZ 0062**

**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 KIZ 0062 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.

<b>Name</b>	[REDACTED]	<b>Company or other entity</b>	for Forestry Tasmania
<b>Address</b>	79 Melville Street Hobart Tasmania 7000	<b>Telephone</b>	[REDACTED]
<b>Signature</b>	[REDACTED]	<b>Date</b>	31/10/16

**Acknowledgment of Applicant**

I submit the attached Forest Practices Plan Number KIZ 0062 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 lodgment 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 lodgment 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.

<b>Name</b>	[REDACTED]	<b>Company or other entity</b>	for Forestry Tasmania
<b>Address</b>	79 Melville Street Hobart Tasmania 7000	<b>Telephone</b>	[REDACTED]
<b>Signature</b>	[REDACTED]	<b>Date</b>	31/10/16

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

<b>No</b>	Road Construction	<b>No</b>	Tree Clearing
<b>Yes</b>	Timber Harvesting	<b>No</b>	Quarry Operation
<b>No</b>	Forest establishment (including reforestation, ie restocking the land with trees)	<b>No</b>	Tree Fern Harvesting
<b>No</b>	Assessment of reforestation		