

Forest Practices Act 1985

# Forest Practices Plan

FPP No.: BSP0094-01

Certification Number: 2015-0100

Local File ID: -

Update Type: Initial

Last edit by: \_\_\_\_\_

Created on: 19/09/2014

Updated on: 24/02/2015

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:	EP001LM	Location:	Esperance Forest block	PTR Number:	-
Tenure:	State Forest	IBRA 4 region:	D'Entrecasteaux	UPI or PID Numbers:	-
District:	Huon	Municipality:	Huon Valley	Landowners:	Forestry Tasmania Crown Land Services
Map Sheet:	RAMINEA : 4820	Grid reference:	497100mE, 5201500mN	Principal Processors:	Forestry Tasmania
Applicant:	Forestry Tasmania, 79 Melville Street Hobart, Hobart Tasmania 7000, 62358333				

Parent Rock 1:	Permian Mudstone (PEM)	Soil 1:	Mottled grey and brown clayey (MBC)	Stoniness 1:	L
Parent Rock 2:	Triassic Sandstone (TSS)	Soil 2:	Sandy over clayey (SAC)	Stoniness 2:	L

Erodibility Class 1: Moderate to high (MH) 2: Moderate to high (MH) Majority Slope: 10 deg. Maximum Altitude: 120 m

Within town water catchment:	Yes	Within a landscape zone in a Municipal Planning Scheme:	No
Water Intake:	110 - Esperance River - Dover	Known Domestic Water Supply Intake within 2km:	No
Distance to Intake:	1.0 km	Net Area of Crown Land Reserve:	2.1 ha

Emergency meeting Point: 147 - RAMINEA - CNR HUON HWY & ESPERANCE RIVER RD

Plan certified by:	BSP - Plumptre B S	Date certified:	24/02/2015	Plan lifetime:	25/02/2015 - 31/08/2017	Date notice of intent sent:	18/11/2014
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Discrete Operational Phase	Estimated Start Date	Estimated End Date	Details
Timber Harvesting	01/03/2015	31/08/2017	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)	43.00
Net Operational Area:	43.00	Total Area to be Reforested: 0.00
Total Area to be Harvested:	43.00	Total Area of Operation: 43.00

# 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 2000). 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:  
Production thinning of **EP001L** to 500spha stage 1 and 300spha stage 2. **EP001M** will be production thinned to a pruned stocking of approximately 300spha.
- 3 Telstra underground cable pits are located within the coupe as indicated on the FPP map. These areas are to be excluded from harvesting and any machinery work and will be taped with blue tape
- **EP001L is downwind from HP031D therefore HP031D must be burnt before thinning commences in accordance to the "Separation of High Intensity Burning Coupes and Thinned Stands Guidelines."**
- As a measure to reduce the spread of Weeds and or Pathogens in State Forest, 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**" Operations shall not commence until the supervisor has signed off on washdown compliance.
- **The Contractor is required to have a copy of the FPP, FPC and any subsequent Variation(s), on site during active operations.**

## 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. See the attached FPP Map.
- Minor road maintenance works on improving turning points for HPV trucks at or near the landings are permitted under this FPP.

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

Forestry Tasmania

## 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.
- 3 Telstra underground cable pits are located within the coupe as indicated on the FPP map. These areas are to be excluded from harvesting and any machinery work and will be taped with blue tape.

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Initials of parties to the Plan

Landowner and Applicant:

FPO:

Date:

27/2/15

Date:

29/2/15

CIS: GE 17 FEB 2015

**C.1. LANDINGS**

Landing Placement

- Conventional processing landings are not provided. Timber is to be processed at stump and forwarded to road edge stockpiling sites prior to loading.

Landing Management

- Stockpile / loading bays are to be minimised
- Location of stockpile / loading bays are to be discussed with a Forestry Officer prior to being used.
- Stockpile / loading bays are to be located a minimum of 20 metres from drainage lines.
- The width of the stockpile sites are to be log length plus adequate width for the forwarding machine to pass behind the log stacks to unload and to stand on the roadside 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 direction is shown on the FPP map.
- Forwarder tracks into and out of Stockpile / loading bays are to be corded if weather condition are likely to be a problem.
- 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.
- One designated crossing point is indicated on the FPP map which utilizes the existing formed track.
- The designated crossing point on the class 4 stream will be corded and matted 20m either side of the stream.
- The stream crossing will be corded with logs. The crossing will not be used if water is flowing over the cording.
- No Forwarding along the base of drainage lines.
- Crossing points on drainage lines are to be minimised.
- Tracks will be kept to a minimum and will be located to avoid damage to retained stems.

Forwarder Track Management

- Cording or "matting", of sections, of main forwarder 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.
- The wet weather limitations prescribed in section C2 of the FPC are to be adhered to.
- Forwarder track restoration will be carried out progressively, in accordance with the FPC and Part C.6. of this FPP.

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

- The silvicultural prescription is for a thinning of *E. nitens* hardwood plantation.

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- All pruned stems not in outrows are to be retained undamaged unless approved by a Forestry Tasmania (FT) supervisor.
- 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.
- The area will be thinned using a 1 in 5 outrow system. However, where possible machinery is to travel between the planted rows.

**Spacing:**

- Thinning of **EP001L** to 500spha stage 1 and 300spha stage 2. **EP001M** will be production thinned to a pruned stocking of approximately 300spha at approximately 6m tree spacing.

Person / organisation nominated to identify and mark harvest boundaries:	Forestry Tasmania
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**C.4. LOGGING EQUIPMENT**

- The minimum standard of equipment to be used in this operation is FPC Class C2 equipment.

**C.5. STREAMSIDE MANAGEMENT**

- 5 class 4 streams are located within the operation area. All streams have a minimum 10m reserve either side. One designated crossing point is indicated on the FPP map which utilizes the existing formed track.
- The designated crossing point on the class 4 stream will be corded and matted 20m either side of the stream.
- The stream crossing will be corded with logs. The crossing will not be used if water is flowing over the cording.
- Three drainage lines have been identified within the coupe and are shown on the FPP map as class 5 streams. One designated crossing point is permitted and is indicated on the FPP map.
- Harvesting is permitted through the drainage lines subject to the conditions above (C.2) ie no forwarding along drainage lines

Coupe: EP001LM

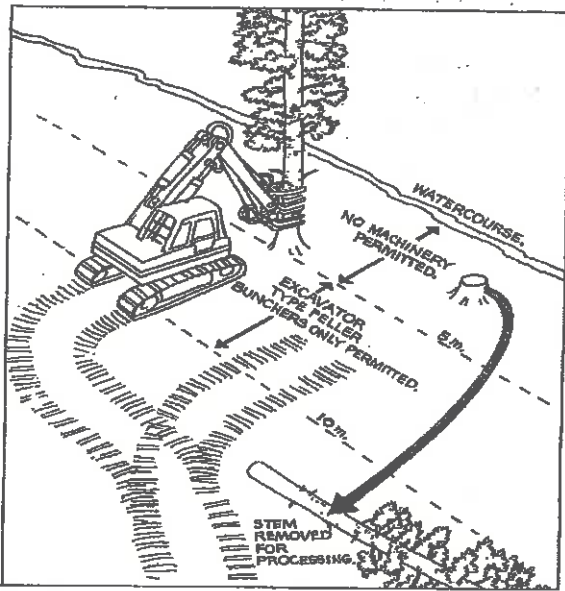
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Initials of parties to the Plan	Landowner and Applicant:		FPO:	
	Date:	23/2/15	Date:	24/2/15

CUS: GS 17 FEB 2015

- 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. Class 4 streams will have the following prescriptions applied;
  - Excavator type feller bunchers may enter to within 5 m of a streambank provided slopes are less than 20°; - see diagram below.



HARVESTING OF A PLANTATION ESTABLISHED WITHIN A STREAMSIDE RESERVE PRIOR TO THIS EDITION OF THE CODE.

- Harvesting will only be carried out when soils are dry, or provided measures are taken to minimise soil disturbance;
- Trees will, wherever practicable, be felled away from watercourses;
- Machinery will move in and out of the machinery exclusion zone by the same path without slewing the machine's tracks;
- Remnant native vegetation within the 10 metre MEZ will be retained;
- Stems will be removed for processing to a site at least 10 m from the streambank;
- Other harvesting machinery will not enter within 10 m of the streambank except at designated crossing points or to remove substantial harvesting debris;

Person / organisation nominated to identify and mark stream boundaries:	<b>Forestry Tasmania</b>
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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 **moderate to high** erodibility 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.

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	Date: 23/2/15	Date: 24/2/15	

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**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 special management prescriptions apply.

**D.2. FAUNA**

**Wedge Tailed Eagle**

- Even though a pre-operational survey has not detected a nest, it is still possible that a nest will be detected during operations. Contractors must be instructed to notify the Forest Practices Authority via the Forest Practices Officer in charge 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 (i.e. discovered during July to February inclusive), cease all forestry activity within 500 m of the nest, or within 1 km if in line-of-sight of the nest. The Forest Practices Authority may need to inspect the nest site and will provide advice on appropriate further action. If it is not a late eagle breeding season, activities may resume in February. The FPA or DPIPW will notify all planners as early in the season as possible if the breeding season is late.
- If a nest is discovered outside the management constraint period (i.e. discovered during March to June inclusive), cease all forestry activities within 500 m of the nest. The Forest Practices Authority may need to inspect the nest site and will provide advice on appropriate further action.
- At this time of year, in most situations the operation can resume outside the agreed 10 ha nest boundary.

**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. 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').

**D.3. EARTH SCIENCES**

- The designated crossing point on the class 4 stream (as indicated on the FPP map) will be corded and matted 20m either side of the stream.
- The stream crossing will be corded with logs. The crossing will not be used if water is flowing over the cording.

**D.4. 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 harvesting will be excluded from the operation until the advice of the FPA Senior Archaeologist is obtained.

**D.5. LANDSCAPE MANAGEMENT**

- No special prescriptions are required.

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Initials of parties to the Plan	Landowner and Applicant:	<i>DTW</i>	FPO:	<i>24/2/15</i>
	Date:	<i>23/2/15</i>	Date:	<i>B.S.P.</i>

*CLB: GS 17 FEB 2015*

**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

**E.1. ESTABLISHMENT**

- Not Applicable

**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**

- **EP001L is downwind from HP031D therefore HP031D must be burnt before thinning commences in accordance to the "Separation of High Intensity Burning Coupes and Thinned Stands Guidelines."**
- **All fires will be contained on the property of the landowner.**
- **Fire protection should be conducted as per District 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 FUEL AND LUBRICANTS**

- Any fuel and oil spills will be contained as soon as possible and clean up procedures will be promptly implemented where necessary.
- Fuel and oil spills that cause or threaten to cause environmental harm will be reported to Forestry Tasmania as soon as possible.
- Site for equipment refuelling 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 actions in the Forestry Tasmania Emergency Response Procedure for oil and fuel spills are to be implemented.
- Spills that cause or threaten to cause serious environmental harm (10 litre spill, where the spill can enter a drainage line or water course, 200 litre spill elsewhere.) will be reported to DPI/PWE (phone 1800 005 171) as soon as practicable, but within 24 hours.

**(b) RUBBISH**

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	Date:	23/2/15	Date:	24/2/15

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- 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 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

**DISTRIBUTION**

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

• FPP Master File	<b>Forestry Tasmania</b>	<b>- Southern Region</b>
• Coupe File	<b>Forestry Tasmania</b>	<b>- Southern Region</b>
• Contractor	<b>Harvesting</b>	<b>- Musketts</b>
• Forest Supervisor	<b>Forestry Tasmania</b>	<b>- Southern Region</b>
• Forest Officer	<b>Forestry Tasmania</b>	<b>- Southern Region</b>

Coupe: EP001LM

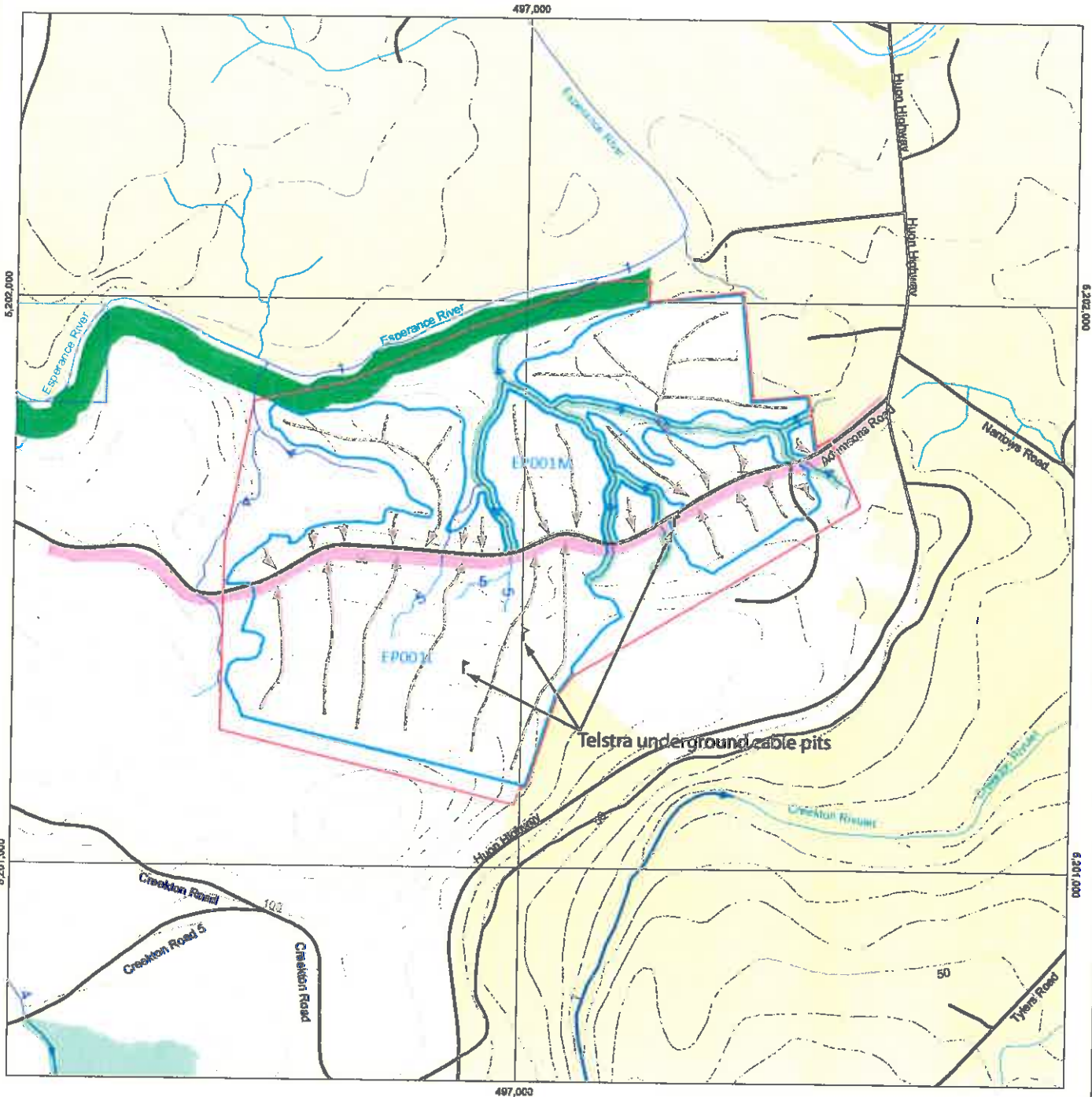
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Initials of parties to the Plan	Landowner and Applicant:	FPO:
	Date: 23/2/15	Date: 24/2/15

CLIS: GE 12 FEB 2015





Scale 1:10,000

Mapsheet: Raminea, 4820

Co-Ords: 497100mE, 5201500mN

Area:43ha



LEGEND

FPP boundary	Located or marked out road	Contractor boundary	Formal reserves	Constraint
Harvest boundary	Provisional mapped road	Landing	Informal reserves on State forest	Hazard
Classed Stream	Walking Tracks	Crossing	Informal reserves on other tenures	Water
Unclassed Stream	Hydro/Comms	Bridge	Streamside reserves	Unallocated Crown Land
Road class 1-3	Contours	Cable setting	Conditional areas	Telstra underground cable pits
Road class 4	Snig direction	Special point feature	Private land	

Date: Monday, January 12, 2015



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

Prepared by: bsp

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**Forest Practices Officer (Planning)**

**Certified by:**

<b>Signature</b>		<b>Date</b>	24/2/15
<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:		FPO:	
	Date:	23/2/15	Date:	24/2/15

CUS: CE 17 FEB 2015

**Acknowledgment of persons/organisations in relation to Forest Practices Plan Number BSP0094**

**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 BSP0094 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>		<b>Company or other entity</b>	for Forestry Tasmania
<b>Address</b>	79 Melville Street Hobart Tasmania 7000	<b>Telephone</b>	(03) 6235-8253-8337
<b>Signature</b>		<b>Date</b>	23/2/15

<b>Name</b>		<b>Company or other entity</b>	
<b>Address</b>		<b>Telephone</b>	
<b>Signature</b>		<b>Date</b>	17 FEB 2015

**Acknowledgment of Applicant**

I submit the attached Forest Practices Plan Number. BSP0094 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>		<b>Company or other entity</b>	for Forestry Tasmania
<b>Address</b>	79 Melville Street Hobart Tasmania 7000	<b>Telephone</b>	(03) 6235-8253-8337
<b>Signature</b>		<b>Date</b>	23/2/15