

Forest Practices Act 1985**Forest Practices Plan****FPP No:**Certification No.: PLAN TYPE: 1: **Harvesting** 2: **Roading** 3:

This Forest Practices Plan authorises forest practices and operations to which it refers on the land specified within the period specified within 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:	Pipeline	Location:	Bell Bay	PTR Present or Proposed:	NA
Tenure:	Private Property	IBRA Region:	Ben Lomond	PTR No(s):	
District:	Bass	Municipality:	George	UPI No(s):	Multiple
Map Sheet:	Several Maps	Grid Reference:	Town/Launceston	UPI No(s):	

Applicant:	Gunn's Limited	Address:	PO Box 985 Launceston	Ph:	63945555
Landowner:	Ownership under review	Address:		Ph:	
Principal Processor:	Gunn's Limited	Contractor:	To be determined		

Current RFA Forest Community and/or Land Use, Operation Prescriptions and Proposed Land Use Areas (ha)							
Forest Community	Presc	Ha	Presc	Ha	Presc	Ha	Total
Coastal E.amygdalina forest	CF-CLR	7.0					7.0
E.amygdalina forest on dolerite	CF-CLR	13.0					13.0
Leptospermum Species – Melaleuca squarossa swamp forest	CF-CLR	0.3					0.3
Melaleuca ericifolia coastal swamp forest	CF-CLR	0.2					0.2
Plantation	CF-CLR	1.3					1.3
Non Forest	CF-CLR	30.9					30.9
Non forest Pasture	CF-CLR	41.5					41.5
Non forest heathland	CF-CLR	3.6					3.6
Non forest scrub	CF-CLR	1.6					1.6
Non forest Sedgeland	CF-CLR	3.8					3.8
Net operational area (ha) = 103.2							
Total Area to be Reforested (ha) 0		Total Area to be Harvested (ha) 103.2		Total Area of Operation (ha) 103.2			

Parent Rock 1:	IDL	Soil Desc.1:	Clayey	Stoniness 1:	M
Parent Rock 2:	JDL	Soil Desc.2:	Sandy over Clay	Stoniness 2:	L
Erodibility Class 1:	Mod	2:	Mod-High	Majority Slope (deg)	15
				Maximum Altitude (m):	150

Site specific prescription(s) beyond those normally in the Forest Practices Code are included in this Forest Practices Plan for:

Flora: Fauna: Geomorphology: Soil/Water: Cultural Heritage: Landscape:

Minimum class of equipment to be used:	Ground Based Dry:	CI	Wet:	CI	Cable:	N/A
Length of road construction or upgrade:	Class of Road:		2 :	3 :	4 :	1.2
Expected Timber Vols	1000	Sawlog (cu.m/t) :	30	Other Products:		
Total (cu.m/t) :		Pulpwood (cu.m/t):		Volume:		

This FPP includes authority and prescriptions for harvesting manfern's and Dicksonia antarctica: x Not Applicable

Estimated number of manfern's to be harvested:

Is the operation within a town water catchment?	Yes	Water Intake Code No:	0	Distance to Intake (km):	
River:		Town:			
Within a landscape zone in a Municipal Planning?	N	New or major upgrade of existing outlet onto Municipal or Main Roads		Y	
Has local Government been consulted as required by FPC?	Y	Known domestic Water Supply Intake < 2km?		Y	

Period to which plan applies:	From:		To:	
Estimated Completion Date:	Roading:		Harvesting:	
Plan prepared by:	Owen Hoffmann			
Plan certified by:		Date Certified:		Date Notice of Intent sent:
Emergency Meeting Point:	41	Location:	Cnr East Tamar Hwy and Dalrymple road	

A. GENERAL

Forest practices shall be carried out in accordance with the principles and approaches specified in the Forest Practices Code. 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.

B. BUILDING ACCESS TO THE FOREST (ROADING)

(See also section D. Conservation of Natural and Cultural Values and section 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:- **Gunns Tamar**

General:

- This Forest Practices Plan is for the clearing of a narrow corridor to allow subsequent installation of a effluent pipeline from the Bell Bay Pulp Mill.
- A section of track construction will be required. This will be finalised and added to the FPP at a later stage.

Clearing and Formation:

Drainage:

Surfacing:

C. HARVESTING OR CLEARING OF TIMBER

(See also section D. Conservation of Natural and Cultural Values and section 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 **Gunns Tamar**

General:

- All Vegetation will be cleared to allow for a trench to be established with the width of the corridor and the subsequent laying of pipeline

Initials of parties to the Plan: Landowner..... Applicant FPO.....
Date..... Date..... Date.....

FPP No.....

Landings:

- No specific landing sites are identified due to the sparse nature of timber to be removed.
- Any harvested timber will be taken to a suitable location for loading. Timber that is unable to be removed to a suitable loading site will be stockpiled with the boundaries of the operational area.
- Any such location for loading or stockpiling will not be within 40m of any stream crossing or water course or in a location that will impede clearing or trench creation.

Snig tracks:

- Snigging operations will be restricted to the width of the corridor boundaries and will not go outside the taped area of operations.

Felling prescriptions:

- The felling prescription for this coupe is clearfall. All merchantable timber is to be harvested.
- The coupe boundary is marked with **Blue Tape. Do not cross this line.**
- Trees that are outside the operational boundary may be fell for safety reasons. Any such trees will be marked in advance by a Gunns Supervisor Prior to falling.
- If trees are fell over the operational boundary, all heads and debris will be pulled back inside the operation boundary.

Streamside management and special water quality protection measures:

- There are multiple streams that will be crossed by the proposed corridor clearing.
- As the area is to be cleared for infrastructure development all merchantable timber will be harvested from within the streamside reserves.
- Crossing points have not been identified within the coupe as the narrow operational boundary requires clearing to be at the full width of the corridor as it crosses each stream.
- Material removed from within stream 30m of any stream will be taken away from the stream wherever possible.
- If not possible to remove material without crossing a stream any such crossing is to be created with minimal disturbance to the stream bank and as close to right angles as possible.

Streamside reserve and harvesting boundaries to be marked by:

Person or organisation nominated **Gunns Tamar**

How marked **Blue Tape**

Harvesting restoration

1. Landings

Initials of parties to the Plan: Landowner..... Applicant FPO.....

Date..... Date..... Date.....

FPP No.....

- There will be no specific landings located within the operational area

2. Snig tracks

- Snig Tracks will be gripped and backfilled progressively as harvesting progresses. Restoration work will be undertaken in accordance with the provisions outlined in *Section C (3.2)* of the *Forest Practices Code*.
- Where snig tracks are rutted to a depth of more than 400mm below the original ground surface over a 20m section or longer, the snig track will be restored by filling in and draining.
- Snig Tracks will be gripped to a standard satisfactory to the Gunns Supervisor **PRIOR** to the completion of the operation

D. CONSERVATION OF NATURAL & CULTURAL VALUES

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

Natural and Cultural Values are being addressed as part of the larger Integrated Impact Statement and specific requirements will be included in the final Forest Practices Plan prior to approval.

Flora.....	DRAFT
Fauna.....	
Geoscience.....	
Cultural heritage.....	
Landscape.....	
Soil and Water.....	

E1. ESTABLISHING AND MAINTAINING FORESTS

(See also section D. Conservation of Natural and Cultural Values and section F. Management of Fuels, Oils, Rubbish and Emissions.)

Person or organisation responsible for reforestation and having primary responsibility for management of forest practices under this section of the plan Not Applicable.....

Site preparation procedures (eg. clearing, windrowing, ripping, cultivation, mounding, catch drains, areas to be treated differently etc)

- The majority of the area will be clear fell and following harvesting the area will be kept clear to allow for ongoing access.

Initials of parties to the Plan: Landowner..... Applicant FPO.....
 Date..... Date..... Date.....

FPP No.....

- An area within the harvest area will be identified as the Stringing area. This area will be regenerated back with native species

Burning (eg. planned intensity and timing)

- No burning will be required

Sowing or planting treatments (artificial sowing, seed zone, natural regeneration, retained growing stock, planting etc)

- The area to be regenerated will be assessed post operation to determine the best method of establishing regeneration. Methods of treatment may include scarification of area to establish suitable seedbed for artificial sowing.

Weed control (describe method(s) to be used)

- The area will be assessed post establishment to determine if ongoing weed control is required.

Fertiliser application (describe method(s) to be used)

- It is not expected that Fertiliser will be required for the regeneration area

Restoration (e.g. drainage of fire breaks and access tracks)

- Not Applicable

Protection of growing stock

Fire protection (e.g. fire breaks and fire management on adjoining land)

- Not Applicable

Browsing (eg monitoring and control treatments)

- The area will be assessed post establishment to determine if browsing control measures are required.

Is there a fire management plan for this area? YES / NO

E2. ASSESSMENT OF REFORESTATION

Stocking standards (specify survey method and stocking standard to be achieved)

- A seedling survey will be carried out 18-24months after sowing.

Survey to be organised by:N/A..... by (date):

F. MANAGEMENT OF FUELS, OILS, RUBBISH AND EMISSIONS

Use of fuels, oils etc:

- Sites for equipment refuelling are to be located at least 40m from any water course to minimise adverse effects on water quality in the event of any spillage and will be surrounded by an earthen bund capable of containing an oil spill.
- Equipment will be maintained so that fuel leaks are minimised.

Initials of parties to the Plan: Landowner..... Applicant FPO.....
Date..... Date..... Date.....

FPP No.....

- Any spills will be contained as soon as possible.
- Fuel Grease and oils stored on site will be stored in a banded location where any inadvertent leaks will not enter watercourses, swamps or other still waters either directly or indirectly.

Rubbish:

- Rubbish will be removed to an approved disposal site on a weekly basis.

Other:

<u>Forest Practices Officer (Planning)</u>	
Certified by (signature):.....	Date:.....
Name:	
Pursuant to a delegation from the Forest Practices Authority under section 43 of the <i>Forest Practices Act 1985</i> .	

D R A F T