

Forest Practices Act 1985		Forest Practices Plan		FPP No.:	ALH0002-01
Certification Number: 2016-0207				Local File ID:	TN074b
Update Type:	Initial	Last edit by:		Created on:	09/05/2016
				Updated on:	11/05/2016
<p><i>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.</i></p> <p><i>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.</i></p>					
Coupe Name:	TN074b	Location:	Cassons Road	PTR Number:	
Tenure:	Permanent Timber Production Zone Land	IBRA 4 region:	D'Entrecasteaux	UPI or PID Numbers:	3389947
District:	Derwent	Municipality:	Derwent Valley	Landowners:	Forestry Tasmania
Map Sheet:	DOBSON : 4627	Grid reference:	480000mE, 5273100mN	Principal Processors:	
Applicant:	Norske Skog Paper Mills (Australia) Limited, Boyer Mill Fibre Division, Boyer Tas 7140				
Parent Rock:	1: Jurassic Dolerite (JDL) 2:	Soil Description:	1: Red to Brown clayey (RBL) 2:	Stoniness:	1: M 2:
Erodibility Class:	1: Low (L) 2:	Majority Slope:	5 deg.	Maximum Altitude:	530 m
Within town water catchment:	No	Within a landscape zone in a Municipal Planning Scheme:	No	Water Intake:	96 - Derwent River - Gretna
Distance to Intake:	23.0 km	Known Domestic Water Supply Intake within 2km:	No	Net Area of Crown Land Reserve:	0.0 ha
Emergency meeting Point:	169 - KARANJA - SHOOBRIDGES QUARRY, STYX RD				
Plan certified by:		Date certified:	11/05/2016	Plan lifetime:	11/05/2016 - 31/08/2017
				Date notice of intent sent:	31/03/2016
Discrete Operational Phase	Estimated Start Date	Estimated End Date	Details		
Timber Harvesting	11/05/2016	31/08/2017	Minimum Class of Equipment to be used Dry: C1 Wet: C2 Cable: NA		
Current RFA Forest Community and/or Land Use	Prescription		Ha		
Plantation : P. radiata (PPR)	Thinning (THN)		23.80		
Net Operational Area:	0.00	Total Area to be Reforested:	0.00	Total Area to be Harvested:	23.80
				Total Area of Operation:	23.80

11/5/16

FOREST PRACTICES PLAN – TN074b

A. GENERAL

- Definition of abbreviations:
 - **FPC:** Forest Practices Code 2015.
 - **FPP:** Forest Practices Plan.
 - **FPA:** Forest Practices Authority.
 - **FPO:** Forest Practices Officer.
 -
 - **ha** Hectares.
 - **FOS plan** Forest Operations Safety Plan.
 - **FT:** Forestry Tasmania.
 - **PTPZL:** Permanent Timber Production Zone Land.

- Forest practices shall be carried out in accordance with the principles and approaches specified in the FPC. All FPC mandatory statements (“will” statements) apply, whether or not they are referred to below. The specific requirements set out below are also mandatory.
- Contractors will ensure a copy of this FPP (pages 1-7) (and all subsequent variations and file notes) is on site whilst working on the coupe.
- The operation map for this FPP is referred to in this document as the map.
- All boundaries/features shown on the map are pictorial representations only and may not have been plotted with absolute accuracy. Features such as landings and coupe boundaries will be located and/or marked on the ground.
- All area statements are approximate and based on the best knowledge at the time of FPP preparation.
- The operation prescription is first thinning of a 2000 established *P. radiata* plantation which is a FT joint venture on PTPZL with a total operation area of 23.8 ha.
- Soil moisture conditions referenced in this FPP are defined in Appendix 5 of the FPC.
- As a measure to reduce the spread of Weeds and/or Pathogens, the “**Tasmanian Washdown Guidelines for Weed and Disease control**” will be followed.

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:

General

- New road construction or significant road upgrade is not required.
- Existing roads will be used and maintained in compliance with the FPC.
- If required, minor road upgrade will be undertaken as per section B4 of the FPC.
- Passing/turning bays will be constructed where appropriate as directed by the Operation Coordinator.
- Contractors should minimise the movement of machinery along any roads or the road verges

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

Date. 11/5/16 Date. 11/5/16 Date. 11/5/16

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:

General

Boundaries

- will identify and mark the harvesting boundary with blue tape.
- Hazardous trees may be present within and outside the operation boundary. Harvesting contractors will ensure that hazardous tree detection and management is in accordance with the Forest Operations Safety Plan and section D of this FPP and will occur in consultation with the Operation Coordinator.
- No trees shall be deliberately felled into or out of the 'FT informal reserve' as shown on the map (note – hazardous trees should be managed as above). If unavoidably felled into the reserve, then the Operation Coordinator must be notified immediately. No machinery is allowed to enter the reserve.

Landings

- Landings approved for use under this FPP are shown at approximate locations on the map.
- If additional landings are subsequently required they may be approved with prior inspection by an FPO. That FPO will ensure that a file note (date of approval and map location) is provided to FT for filing with the original FPP in the FT operational file and a copy stored on the coupe file.
- Stockpiles will not be constructed where they affect road maintenance activities.
- Debris and stockpiles will not be placed against retained trees.
- Landing sites will be well drained. If necessary, drains will be established so that water is diverted from landing sites and that water run-off does not enter any watercourse directly.
- Wet weather access tracks to fuel tankers will be corded.

Snig Tracks

- Forwarding will generally follow the directions indicated on the map.
- Forwarding will not be conducted along drainage depressions.
- Other than where the snig direction shown on the map indicates forwarding is approved on existing tracks, consult with the Operation Coordinator prior to forwarding on firebreaks or other existing internal tracks.
- In wet conditions, cording and/or harvesting slash and debris will be used on snig tracks where required to maintain trafficability and to minimise soil and root damage.
- It is the responsibility of the contractor to comply with the wet weather limitations as per pages 33-35 of the FPC.
- Approval may be given by the Operation Coordinator to cross internal spurs if alternative snig track routes are unavailable provided the following applies during road crossing use -
 - The distance travelled on the road should be minimised to reduce impact.
 - Disturbance should be minimised by using a combination of the following - not slewing machinery on the road, removing chains from the forwarder or using cording.
 - Ensure that no culverts or table drains are blocked.
 - If water is flowing over the cording in the table drains, crossings will not be used.
 - Ensure minimum disturbance to batters and fills.
 - Cording and other debris will be removed on completion of use with minimum disturbance to the road surface.

Initials of parties to the Plan: Landowner Applicant FPO

Date 11/5/16 Date 11/5/16 Date 11/5/16

Felling Prescriptions (First Thinning)

- The Operation Coordinator will confirm outrow interval and basal area targets considering row spacing and thinning objectives at the time of operations taking into consideration a preferred 1 in 5 outrow and approximate basal area target of 27m²/ha.
- Where side slope is too great for outrow thinning, side slope track marking and cutting will be practiced. Side tracks should be spaced and aligned to achieve thinning objectives at the time of operations.
- The best visible quality stems should be retained.
- Felling methods will minimise damage to retained trees
- Any damaged trees should be recovered during thinning (basal area targets should be maintained).
- The Operation Coordinator will direct felling for the purpose of firebreak maintenance and road buffer establishment where required.
- Windthrow should be recovered where practical to do so.

Streamside Management and Special Water Quality Protection Measures

- No class 1, 2, 3 or 4 watercourses have been identified within or adjacent to the operation area.
- One drainage depression has been identified (refer to the map).
- If drainage depressions need to be crossed this should be done at right angles where possible. If soils are wet or poorly drained harvesting slash and debris should be used as cording prior to crossing.
- If the contractor locates a suspected new watercourse within or at the operation boundary, the contractor will seek advice from the Operation Coordinator prior to continuation of operations within 10m of the suspected watercourse. If required the Operation Coordinator will ensure the variation is provided to FT for filing with the original FPP in the FT operational file and a copy stored on the coupe file.

Streamside reserve and harvesting boundaries to be marked by:
 How marked :
White tape along known drainage depression centres.
Blue tape at the operation boundary.

Harvesting Restoration

Landings

- Landing debris including waste wood heaps will be managed progressively. Landing debris will be either used for cording/matting on main tracks, utilised for cording on the landing, or heaped in small “haystacks”.
- “Haystacks” will not be constructed against retained stems.
- Landings will be drained on completion of the operation.

Snig Tracks

- If there is exposed soil, snig tracks will be gripped according to Table 6 of the FPC for Low erodibility soils (consult with the Operation Coordinator). Grips will be constructed at right angles to the water flow and have an outlet so that water discharges into the surrounding vegetation or logging slash.
- Where used, cording laid out in log form (generally greater than 100mm diameter) will be lifted from the snig tracks to facilitate natural drainage.

Roads

- Substantial debris will be removed, as required, from table drains and culverts throughout the operation.
- Restoration of road surface will be progressive and action will involve:
 - Removal of substantial bark and logging debris from road surfaces.
 - All road surfaces will be left in a trafficable condition.
 - Table drains and culverts will be left clear and functioning at the completion of the operation or if the operation is closed down for a week or more and it is practicable to do so.

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

Date..... 11/5/16..... Date..... 11/5/16..... Date..... 11/5/16.....

Firebreaks

- Substantial harvesting debris will be removed from firebreaks.
- If firebreaks have been used during operations they will be restored to their pre-operational condition or better.

Water Quality and Watercourse Protection

- At the completion of each section, temporary cording will be removed from drainage depression and watercourse crossings, allowing free flow of the watercourse and all approaches will be restored.
- If permanent firebreak crossings are required, they will be maintained by _____ as per page 88 of the FPC.

Vacating the FPP Area

- The principal contractor for harvesting operations will inform the _____ Operation Coordinator during the operation when restoration works will be completed so that a final inspection can be carried out, prior to removing all machinery from the coupe.

D. CONSERVATION of NATURAL and CULTURAL VALUES

Prescriptions to manage, flora, fauna, earth sciences, cultural heritage and landscape values.

Flora

- As a measure to reduce the spread of Weeds and/or Pathogens, the “**Tasmanian Washdown Guidelines for Weed and Disease control**” will be followed.

Fauna

Wedge Tailed Eagle/White Bellied Sea Eagle

- Forestry operations in the coupe will only occur outside of the breeding season (generally July to January but determined annually by the FPA – consult with _____ Operation Coordinator). The contractor is to remain vigilant of nests and if discovered they are to immediately cease all forestry activity and contact the _____ Operation Coordinator who will consult with the FPA to provide advice.

Grey Goshawk

- If suspected nesting activity (e.g. displaying male birds) is observed or a nest is found during the operation keep forestry activities at least 100m away from the suspected nest site, and immediately contact the _____ Operation Coordinator who will in turn contact the FPA.

Tasmanian Devil

- Prior to causing significant disturbance to windrows, log heaps or obvious burrows the contractor is responsible for ensuring active potential Tasmanian Devil dens are identified (potential devil dens are large burrows, log hollows or stump and root hollows and may have both devil and wombats within them) and managed as follows:
 - ⇒ If a potential den has evidence of recent use, assume the potential den is active and do not disturb. Den use indicators are devil scats, paw prints, loose vegetation and soil at and near unobstructed burrow entrances, obvious animal trails entering burrows or hollows. The _____ operation coordinator can provide den identification assistance if required.
 - ⇒ In the unlikely event the contractor sees no alternative to disturbing a suspected active den the contractor will contact the _____ operation coordinator and request den evaluation. The NSPM operation coordinator will gain FPA approval prior to disturbing a suspected active Tasmanian devil den site.
 - ⇒ If Tasmanian Devil young are seen within 50m of a suspected active den site immediately cease all felling and processing operations within 50m of the suspected den site and notify the _____ operation coordinator, who will notify the FPA. Operations within 50m of the suspected den site will not recommence without FPA approval.

Note: The contractor is not expected to physically survey non windrow or log heap operation area sites for the presence of dens and will only conduct windrow or log heap surveys in compliance with the FOSP.

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

Date... 11/5/16 Date... 11/5/16 Date... 11/5/16

General

- 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

- No prescriptions required.

Cultural Heritage

- The relevant Operation Coordinator will be notified by the contractor in the event that a suspected cultural heritage site is located during the course of operations.
- Any site found will be managed in compliance with the 'Procedures for managing Aboriginal cultural heritage when preparing forest practices plans' and/or the 'Procedures for managing historic cultural heritage when preparing forest practices plans'.

Person or organisation responsible for organising Aboriginal archaeological survey: N/A

Landscape

- No prescriptions required.

E. 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 assuming primary responsibility for management of forest practices under this section of the plan:

General

- Thinning operations only apply under this FPP.

Fire Protection

- Fire suppression within the coupe and severe weather shutdowns will be in accordance with the current Fire Plan.

Is there a fire management plan for this area? Yes – refer to the Fire Management Plan and FT's Fire Management Evaluation. Fire Plan and the Strategic

F. MANAGEMENT OF FUELS, OILS, RUBBISH AND EMISSIONS

- Fuel, oils, rubbish and emissions will be managed as per page 94-95 of the FPC and the Fuel, Oil, Flammable Liquid and Chemical Management at Forest Sites Procedures.

Forest Practices Officer (Planning)

Certified by (signature): Date: 11 / 5 / 16 -

Name:

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 Applicant FPO

Date: 11/5/16 Date: 11/5/16 Date: 11/5/16

ACKNOWLEDGEMENT OF PERSONS/ORGANISATIONS IN RELATION TO FOREST PRACTICES PLAN No. ALH0002

1. 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 No. ALH0002 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 net area of forest operations under the plan.

Name
 Company or other entity Forestry Tasmania
 Australian Business Number (ABN)
 Address 79 Melville St Hobart, Tasmania 7000.
 Phone (03) 6235 8333.
 Signature
 Date 11/5/16

2. Acknowledgement of applicant

I submit the attached Forest Practices Plan No. ALH0002 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.

Name
 Company or other entity
 Australian Business Number (ABN)
 Address
 Phone
 Signature
 Date 10/5/16

*Discrete operational phases under this plan include (tick box against each forest practice proposed):

- | | |
|--|--|
| <input type="checkbox"/> Road construction | <input type="checkbox"/> Assessment of reforestation |
| <input type="checkbox"/> Tree fern harvesting | <input type="checkbox"/> Tree clearing |
| <input checked="" type="checkbox"/> Timber harvesting | <input type="checkbox"/> Quarry operation |
| <input type="checkbox"/> Forest establishment (including reforestation, i.e. restocking land with trees) | |

This FPP may be made available to members of the public and other government departments. Information in FPPs for private property is supplied to Private Forests Tasmania.

Scale 1:5,000

FPP Number: ALH0002

Harvesting Map

Coupe: TN074b

480000

480500

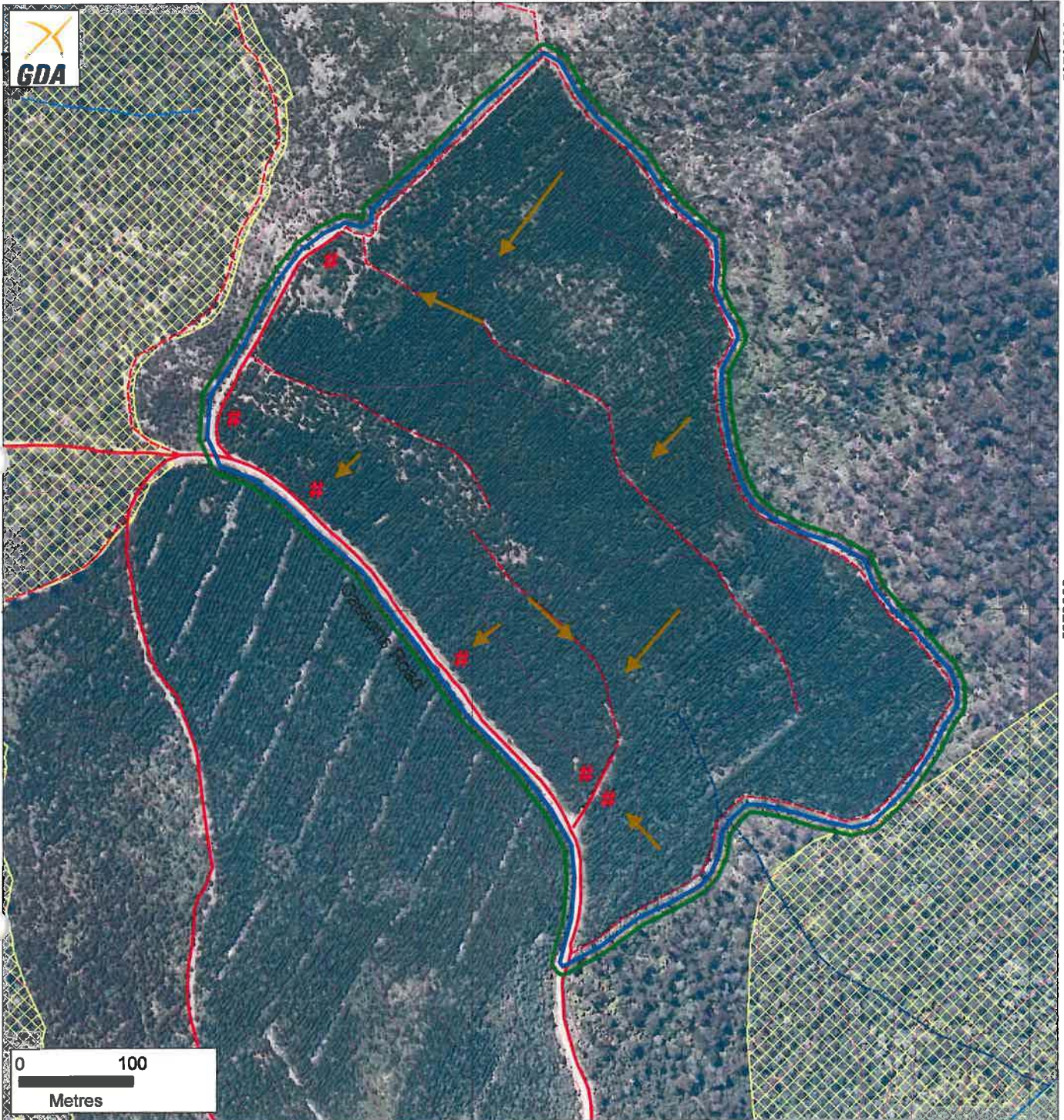
5273500



5273500

5273000

5273000



480000

Page 7 of 7

480500

Legend

Existing Roads

Existing Tracks

Drainage Depression

10m contours

Snig direction

Conventional Landing

FPP Boundary

Harvest Boundary

FT informal reserve

Total Operation Area = 23.8 ha

NOTE: Base data has been acquired from various sources (LIST- State of Tasmania, Aurora Energy 2013) & boundaries may not always co-incide.

Prepared By:

Date: 9/05/2016

Landowner: _____ 11 / 5 / 2016

Applicant: _____ 10 / 5 / 2016

FPO: _____ 11 / 5 / 2016