N

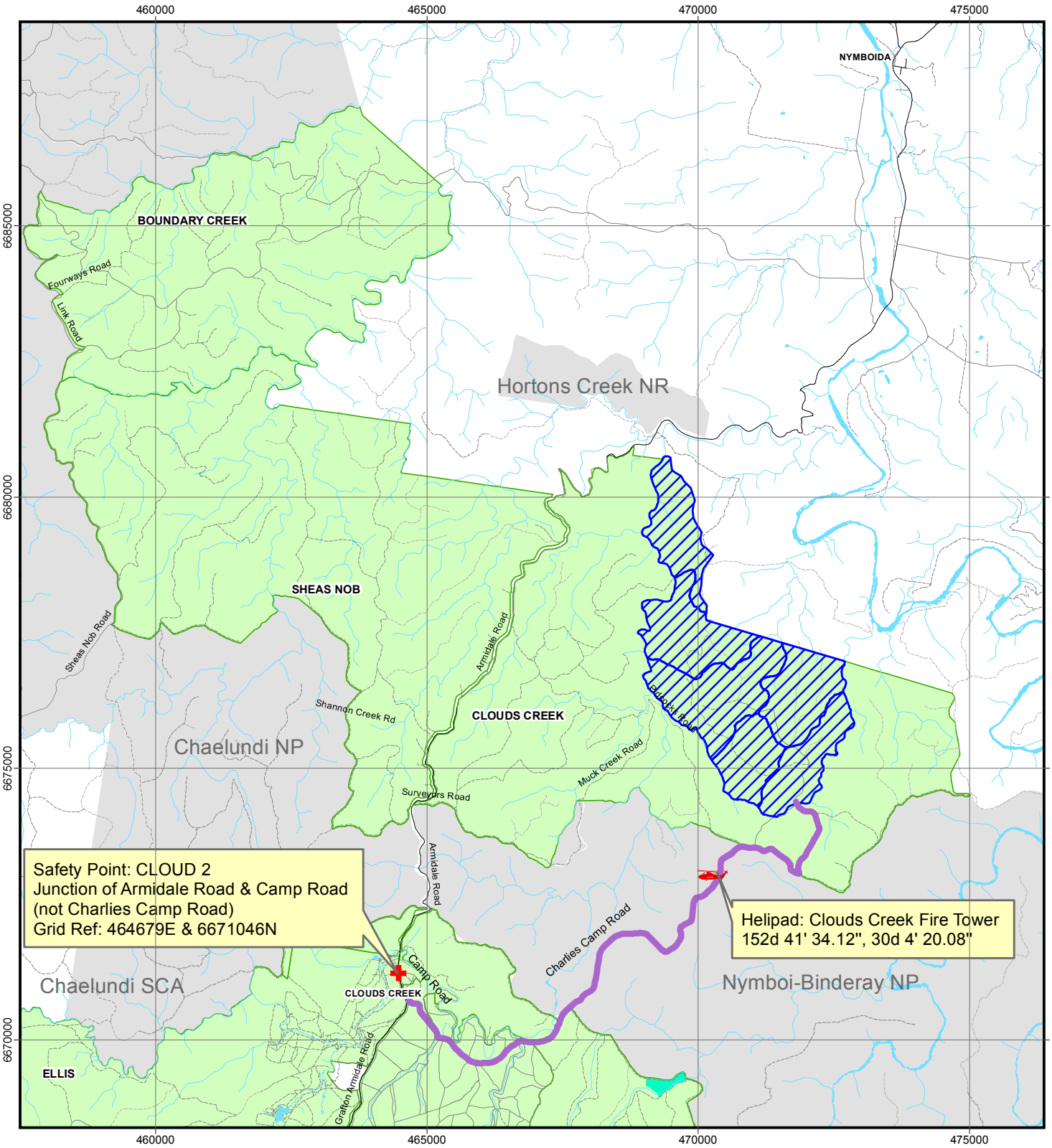
Map Sheets:
1:100,000 Grafton 9438
1:25,000 Nymboida 9438-3S

Scale: 100,000

Locality Map
Grafton Management Area
Compartments 161-163, 166, 178 & 180
Clouds Creek State Forest

Forestry Corporation GDA

Datum: GCS_GDA_1994
Projection: GDA_1994_MGA_Zone_56



MAP FEATURES

- Harvest Area
- Plantations
- Flora Reserves
- State Forest
- National Park & Nature Reserve
- Built Up Area

ROADS

- Sealed
- All Weather, Unsealed
- Dry Weather, Unsealed
- Four Wheel Drive
- Proposed Haulage
- Drainage Feature

SAFETY POINTS

- Helicopter Landing Area
- Safety Points

0 500 1,000 2,000 3,000 4,000 5,000 Meters

Created By: Flavio Bugno
Created: 31/01/2018
Printed: 31/01/2018

Forestry Corporation

GN MN 13°

1:15,000

Contour Interval 10m

GDA_1994_MGA_Zone_56

FORESTRY CORPORATION OF NSW, HARDWOOD FORESTS DIVISION

CLOUDS CREEK Forest
NO. 111
Cpt No: 161,162,163,166,178,180
Management Area: GRAFTON
Mapsheet: Clouds Creek 9437-4N

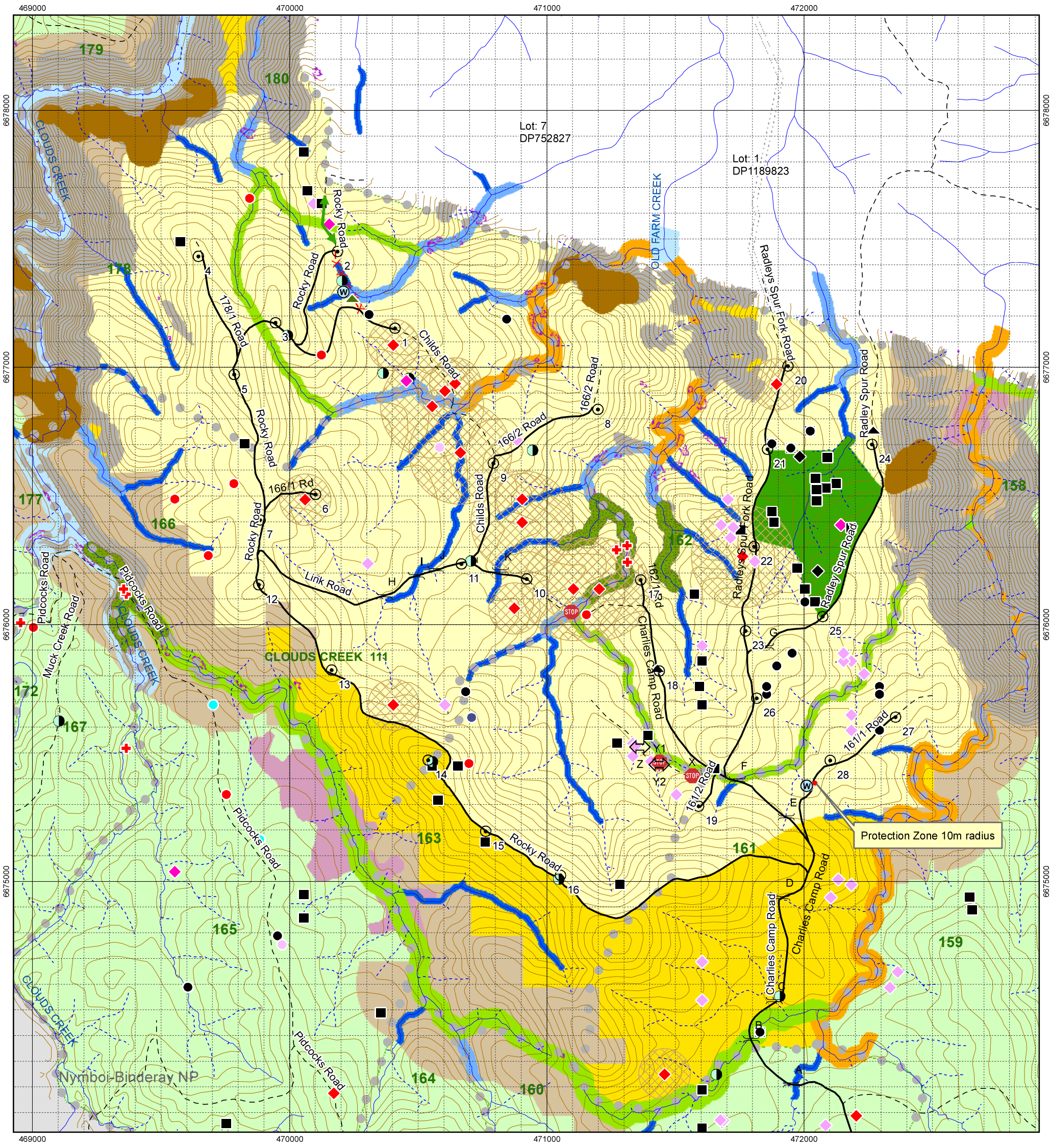
HARVEST PLAN OPERATIONAL MAP

VERSION: 1

Plan Name: CLOUDS CREEK_161_162_163_166_178_180

Plan No:48801

Date Printed: 2/03/2018



Map Features
- Dams
- Dumps
- Crossings
- RHWD Crossing
- Snig crossings to be assessed prior to use
- Crossings not to be used
- MGA Grid 100m
- Compartments (Line)
- State Forest
- National Park & Nature Reserve
- Cadastral (LPI Property Bdys)

Fauna TSL
- Greater Glider
- Black-chinned Honeyeater
- Sooty Owl
- Powerful Owl
- Masked Owl
- Glossy Black-Cockatoo
- Glossy Black-Cockatoo feed tree
- Rufous Bettong
- Brush-tailed Phascogale
- Yellow-bellied Glider
- Koala
- Greater Broad-nosed Bat
- Little Bent-wing Bat
- Giant Barred Frog

Roads
- Closed Roads
- Haulage Roads-Existing
- Non Haulage Roads

Drainage
- Drainage Line
- Unmapped Drainage Line

Contours
- 10m Interval
- 100m Interval

MANAGEMENT ZONES

Harvest Area
- General Management (FMZ 4 and 8)

4 Bar Exclusions
- Rainforest

3 Bar Limited Falling
- Mapped Limited Falling EZ
- Rock and EZ (including 20m buffer)
- Ridge and Headwater Habitat EZ

Drainage features
- Stream PZ 1st Order (10m)
- Stream PZ 2nd Order (20m)
- Stream PZ 3rd Order (30m)
- Stream PZ 4th Order (50m)

Other
- Species Specific Exclusion (3 Bar Limited)
- Excluded Forest (harvested 2014)
- Harvesting Exclusion (4 bars & 2 dots)
- Frog Protection 30m either side (3 bars, 2 dots)
- YBG Zones 100/200m
- Mapped IHL4 Exclusion Zone
- LiDAR Slope>30 (<0.25 ha)

Prepared By Flavio Bugno Date: 2/03/2018

Kilometres
0 0.5 1 1.5

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Forestry Corporation

GN MN 13°

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Contour Interval 10m

GDA_1994_MGA_Zone_56

FORESTRY CORPORATION OF NSW, HARDWOOD FORESTS DIVISION

CLOUDS CREEK Forest
NO. 111
Cpt No:161,163,180,178,166,162
Management Area:GRAFTON
Mapsheet: Clouds Creek 9437-4N

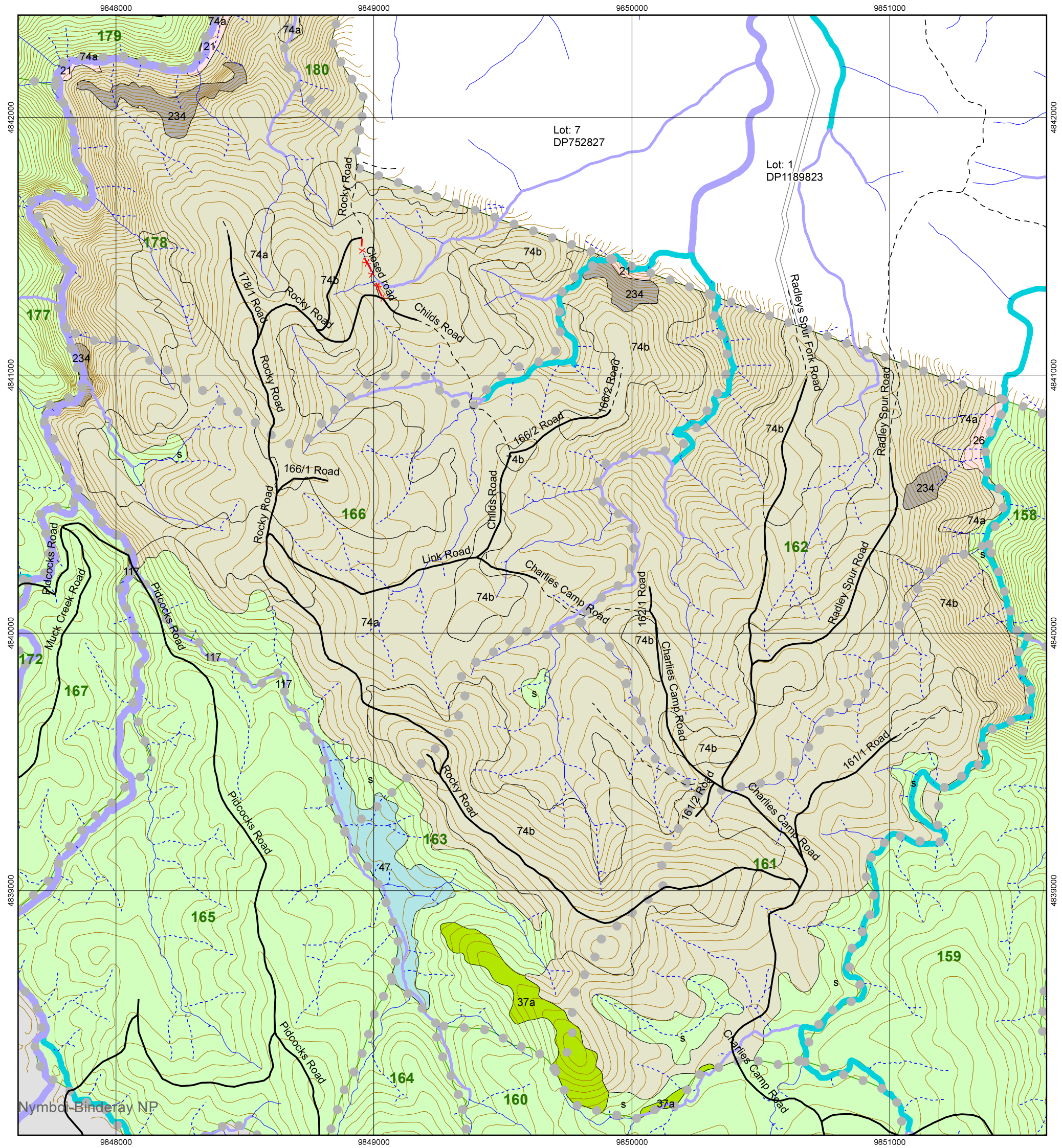
FOREST TYPES MAP

Plan Name:CLOUDS CREEK_161_162_163_166_178_180

Plan No:48801

VERSION: 1

Date Printed: 31/01/2018



MAP FEATURES

- Compartments (Line)
- Compartments (Poly)
- Cadastral (LPI Property Bdys)
- National Park & Nature Reserve

Roads

Roads

- Closed Roads
- Haulage Roads-Existing
- Non Haulage Roads

Drainage - Best Available (Ordered)

- Unmapped Drainage
- 1
- 2
- 3
- 4 PLUS

LiDAR Contours

- 10m Interval
- 100m Interval

Forest Types

- Type 21 Hoop Pine
- Type 26 Viney Scrub
- Type 37 Dry Blackbutt
- Type 47 Tallowwood - Sydney Blue Gum
- Type 74 Spotted Gum - Ironbark / Grey Gum
- Type 117 Scribbly Gum
- Type 234 Rock

Type "S" is untyped Moist Hardwoods

Prepared By Flavio Bugno Date: 31/01/2018

Kilometres
0 0.5 1 1.5

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Hardwood Forests Division

Harvest and Haul Plan

State Forest	Clouds Creek	Compartments	161, 162, 163, 166, 178 & Pt180
Management Area	Grafton	IFOA Region	Upper North East
Harvest Plan No.	48801	Supply Zone	2
Legal Conditions	Native Forest Harvesting under the UNE IFOA. Survey expiry date for this plan is 15/02/2027		
Certification	Timber products removed from the plan area are within the Defined Forest Area covered by Australian Forestry Standard and ISO14001 Certificate 13761		
Prepared by	Senior Planner	Flavio Bugno SIGNATURE ON FILE	Date: 2/03/2018
Reviewed by	Senior Planner	Steve Pickering SIGNATURE ON FILE	Date: 8/01/2018
Approved by	Planning Supervisor	Matt Kinny SIGNATURE ON FILE	Date: 7/03/2018
Abbreviations	FT = Forest Technician, HC = Harvesting Coordinator, PtS= Protection Supervisor, HS = Harvesting Supervisor, RC = Roading Coordinator, Crew = Harvest Contractor/Forest Operators, IFOA = Integrated Forestry Operations Approval, TSL = Threatened Species Licence, EPL = Environment Protection Licence, FL = Fisheries Licence, CH = Cultural Heritage, SOP = Standard Operating Procedure.		

1. Harvest Area Details (all Slope info is LiDAR derived)

	Cpt 161	Cpt 162	Cpt 163	Cpt 166	Cpt 178	Cpt 180	Total
PlanCpt ID	60247	60252	60248	60251	60250	60249	
Gross Area (ha)	159	187	134	269	212	165	1126
Harvest Area	46	114	67	178	131	2	538
Estimated Yield	777	1927	670	1780	1310	20	6484
Yield/ha	16.9	16.9	10	10	10	10	12.1
Slope (% 0-15 degrees)	73	64	52	70	49	25	
Slope (% 15-30 degrees)	27	36	48	30	51	75	
Slope (% 0-20 degrees)	93	81	85	43	76	40	
Slope (% 20-25 degrees)	5	12	12	50	16	58	
Slope (% 25-30 degrees)	2	7	3	7	8	2	

Contractor must ensure timber removed is allocated to the correct compartment when entered into Electronic Delivery Docket.

2. Management Conditions on Boundaries

Boundary	Conditions
SMZ / FMZ	FMZ 2 and 3 a – High Conservation Value Old Growth (HCVOG) and sections of steep topography and non-commercial hardwood types, and pockets of forest isolated due to other protection zones occur and are mapped on HPOM as exclusion zones. Additional areas are embedded within mapped areas of Rainforest. FMZ 4 – Available and displayed on the HPOM as net harvest area. Normal harvest conditions apply.
Aboriginal Cultural Heritage	Surveys have been conducted during January 2017. 10m protection zone (solid) around aboriginal site located in the compartments. Forest technician to ensure that zone is clearly marked prior to harvesting within 100m. Grid reference available from Harvest Planner. If any potential heritage sites are identified an interim 100m exclusion buffer must be applied and Planning Supervisor notified immediately.
Neighbours	Most planned harvest area is well within the State Forest boundary, except for the northern boundary of Cpt 178 and eastern boundary of Cpt 180. These boundaries are delineated by fence line.

3. Expected Yields

Product Estimates	Volume (m3)
HQ Large Sawlog (Quota)	1,274
HQ Small Sawlog	1,837
Poles, Piles and Girders	821
LQ Sawlog (Salvage)	2,552
Total	6,484

Species	Species Mix (Sawlog)
SPG	44%
IBK	18%
Other (TWD, WMY, GYG, BBX)	38%

4. Haulage Route and Contractor Travel Route

Haul Route	Internal compartments roads to Charlies Camp Road – then out of forest via Charlies Camp Road to Armidale-Grafton Road onto various sawmill sites. BEWARE – Charlies Camp Road may be used by the community accessing the adjacent Nymboi-Binderay National Park. The Armidale Road has high volumes of traffic. Care should be taken when entering and exiting onto this road.
School Bus Routes	Refer Attachment 1 – Truck Communication Procedure Caution must be exercised by harvesting and haulage traffic on the Armidale/Grafton Road (especially on the narrow and windy sections in the vicinity of Dundurrabin) and on the Tyringham Road as school buses use these routes on school days. Given this operation will increase the number of truck

	movements on these roads the school bus company must be notified by the haulage contractor.

5. Community

Issue	Detail	Conditions
Forest Permits	Grazing OP	A grazing permit is current for the whole of the operational area. Contact details of the permit holder are on the HP folder.

6. Infrastructure

Infrastructure	Conditions
All Mapped Roads	Mapped roads must be reinstated to similar or better condition for access to that prior to harvesting/snigging and comply with the EPL.
Fence lines	Boundary between State Forest and private property is fenced. Contractor to use directional felling away from fences. Any damage done to fence lines is to be repaired immediately by the Contractor.

7. Harvesting Conditions

Silviculture Type	Harvesting Objectives and Condition for each stand condition
STS Light to Medium Location: Throughout NHA	In the mixed-aged mixed dry hardwood stand the objective is to harvest the merchantable component of the mature aged crop and retain the vigorous younger age class trees for a future cut. Forest technician to mark growers for retention. Crew is to select trees for removal and avoid damage to retained growers.
Monitoring	Due to low planned BA removal, no basal area monitoring is required. Any changes to treatment and offset areas need to be endorsed by the Planning Supervisor.

IFOA Limits	STS Light-Medium
STS Tract	538ha
Pre-harvest BA	22m^2/ha
Post harvest BA	19m^2/ha
Planned Removal	14%

Note: AVG post-harvest BA in STS tract likely to be higher due to difficult to access areas.

8. Tree Retention - refer to TSL booklet for full conditions

Prescription	Condition/Responsibility
Mark-Up – the FT is responsible for marking up the forest ahead of harvesting operations consistent with SOP 2 Exclusion Zone Boundary Mark Up - and SOP 3 - Forest Mark Up	
Compartment Mark-Up Survey (5.1, 5.2, 5.13)	Compartment mark-up surveys must be conducted at least 300m in advance of operations. The survey must search for threatened and protected species features listed in conditions 5.1 and 5.2 of the TSL. *Koala star search triggers were identified during pre- harvest surveys.*
Hollow-bearing and Recruitment tree retention (H and R)	Regrowth Zone - 5.6 d), e) and f) conditions apply. Glossy Black Cockatoo feed trees and Yellow Bellied / Squirrel Glider sap feed trees – 5.6 g) (iii)
Significant Food Resources (5.6 g)	FT must mark for retention - 6 Eucalypt feed trees/2 ha where they occur, glider sap feed trees, stands of forest oak and forest oak feed trees. White Mahogany, Bloodwood and Ironbark are suitable E tree species present in these compartments.
Harvesting - Crew and HC responsibilities	
Protection of Retained Trees (5.6h)	Trees marked or selected for retention must not be felled. The crew must minimise damage to H, R and E trees by using directional felling. Harvesting debris should not accumulate within 5 m of retained trees. Where debris does accumulate the crew must remove or flatten to < 1m high. The HC must be notified of any badly damaged retained trees and they must assess and record if a replacement retained tree is required.
Stag Retention (Dead standing trees 5.6f)	The crew should retain stags where safe to do so. The crew must record the date, DBH, risk and location of unsafe stags removed
Significant food resources	The crew should avoid damaging flowering or fruiting banksias or grass trees.

9. Site-Specific Flora and Fauna (see SOP 1, 2 and 3)

Condition	Boundary Type	Prescription
Riparian Habitat Protection (5.7) (The HPOM indicates LIC drainage order corrected by LiDAR)	2 bars	Implement filter strip (hard) and protection zone (soft) around drainage features as shown on the HPOM. Refer to SOP1. FT must mark unmapped drainage lines and 1st order protection zone boundary with 2 bars. The crew will locate and protect all 2nd order and above streams with GPS.
Ground Habitat (5.17)	N/A	No Commercial firewood collection is permitted in these compartments.
Dams and Waterbodies (5.12)	Solid	Two dams mapped. 10m – total exclusion on all dams or waterbodies to be marked by FT.
Rainforest (5.4)	Accidental	Mapped Exclusion zone to be located by GPS in harvester. FT to continue to search for unmapped rainforest and if identified mark as harvesting exclusion.
HCVOG (5.3)	Limited	Mapped Exclusion zone to be located by GPS in harvester.
Ridge & Headwater Habitat (5.8)	Limited	Mapped Exclusion zone to be located by GPS in harvester.
Rocky Outcrop (5.11)	Limited	Potential areas identified in HPOM. These, and others located during mark-up, to be assessed and marked by FT. 20m buffer on outcrops >0.1 ha or cliffs >3m high
FMZ 2 & 3A	Limited	Mapped Exclusion zone to be located by GPS in harvester.
Giant Barred or Stuttering Frog (6.3)	Machinery	Mapped Exclusion zone to be located by GPS in harvester.
Swift Parrot, Regent Honeyeater, Black-chinned Honeyeater (6.11)	Machinery	Mark for retention, 10 E feed trees per 2 ha and tree in which species was observed as mapped (Black-chinned Honeyeater record NE of dump 14).
Brush-tailed Phascogale (6.12)	Limited	Mapped Exclusion zone to be located by GPS in harvester. No commercial firewood collection & protect ground habitat.
Yellow-bellied Glider (6.17g) ii)	Modified Harvest	Tree retention requirements to be implemented by FT. Six Heard call detections so 15 feed trees in 200 m radius to be retained. Nine observation sites/sap feed trees so 15 feed trees in 100 m radius to be retained.
Swift Parrot and Regent Honeyeater (7bviii)	Modified Harvest	Retain feed trees as specified

Fish	N/A	The compartments contain Eastern Cod aquatic habitat class 2. Fisheries license class 2 conditions apply ie 7.8, 7.9, 8.3 and 8.4.

10. Soil & Water – Refer to EPL Booklet for full conditions

Issue	Assessment	Conditions
EPL Licenced	Yes	Roading Supervisor & Harvesting Supervisor to record commencement & completion dates in IFOA Report
EPL Scheduled Activity	No	
Unmapped drainage Line harvesting	Not Permitted	
Inherent hazard level	2 (all Cpts)	Refer SOP 1
Harvesting Slope Limits	30 degrees	EPL – Sch 4 Condition 3.
Dispersible Soils	No	
Mass Movement / Instability	No	Nil
Acid Sulphate Soils	No	Nil
Seasonality Conditions	No	Nil
Historical or existing erosion	No	Nil
Ground cover	>70%	Nil
Burning conditions	No	Nil
Log Dumps		Refer to SOP 5 HC is responsible for authorising moving the location of a log dump.
Roading management during harvesting		Refer to SOP 6. HC is responsible for monitoring road and crossing drainage during haulage.
Wet Weather and Rutting		Refer to SOP 6. Crew is responsible for implementing automatic closures and following notified closures. HC is responsible for ensuring crew notified when notified closure is lifted.
Snigging		Refer to SOP 8

		Crew is responsible for progressive drainage of snig tracks
Snig Track Crossings		Crossing X & Y1 must **not** be used for snigging across due to eroded pavement and outlets. Crossing Y2 is a potential snig crossing point over an unmapped drainage line, identified during planning. It is an old snig track causeway crossing just upstream of Y1. Crossing Z is a stable road causeway crossing identified during planning that may be used for snigging. Crossings Y2 & Z must be assessed by the HC before and after use to ensure the stability of the crossing. The crossing pavement and approaches must be repaired and seeded on completion of operations. Refer to SOP 8 HC is responsible to ensure snig track crossings are approved prior to use and rehabilitated upon completion.

11. Crossing Approvals

All crossing approvals are shown on the operational map – any other feature crossings must be assessed, recorded below and approved by the Planning Supervisor before use.

Crossing	EPA Approval	Conditions
Ridge and Headwater Crossing to dump 2.	Not required	Using existing Rocky Road. Repair road surface and drain to EPL on completion.

12. Operational Plan Briefing: A briefing of this operational plan was conducted by

Person	Role	Nature of Briefing	Date

Induction Questionnaire

1. Where is the Emergency meeting point and Helicopter Landing Area?
2. What is the proposed silviculture?
3. What are the requirements for operations near protection zone near dump 28?
4. List the other exclusion zones present and the level of protection for each?
5. What snig crossings are approved?

13. Acknowledgement of Briefing: I acknowledge that I have received a copy of the plan documents and that I have been briefed on the conditions of the Plan. I understand the operational control requirements as outlined in the plan and take responsibility for the implementation of plan conditions relevant to my responsibilities

Name	Role	Signature	Date

14. Standard Operating Procedures: The following SOP's apply to this plan. FCNSW staff and the crew must hold a copy on site whilst operating and comply with the conditions set out in each SOP.

Procedure Number	Title
1	Drainage Feature Protection
2	Exclusion Zone Boundary Management
3	Forest Mark-Up
4	Operating in Inherent Hazard Level 3 Areas
5	Log Dump Operation and Use
6	Road and Crossing Management and Wet Weather Controls
7	Safety Requirements
8	Snig Tracks and Extraction Tracks
9	Tree Felling and Servicing Logs
10	Fire Precautions and miscellaneous requirements

Operational Diary:

Date	Issue	Action Required	Action Completed	Initials
Record: Daily activities (eg tree marking, dump 2); Condition 5.2 of TSL items - EEC locations, rocky outcrops, koala scats, feed tree identification etc), discussions with stakeholders/neighbours/ site visitors; areas of impenetrable understorey; unviable areas not marked, non-conformances; harvesting issues identified, twice weekly road and crossing drainage checks				

FORESTRY CORPORATION OF NSW

ROADWORKS PLAN

Clouds Creek State Forest; Compartments 161, 162, 163, 166, 178 & 180

ASSOCIATED HARVEST PLAN NO. 48801

Certification

Prepared by:

Senior Planner Flavio Bugno	SIGNATURE ON FILE	Date: 8/01/2018

Approved by:

Planning Supervisor Matt Kinny	SIGNATURE ON FILE	Date: 7/03/2018

Road Works and Operational Expenditure Approved by:

A/Roading Manager Tamara Campbell	SIGNATURE ON FILE	Date: 1/03/2018

Duration of Approval:

The above approval is valid until 12 months from date of signature.

Contents

1. Cover Page
2. Operational Map
3. Costings
4. Roadworks Plan Text/Prescriptions/Road and crossings work sheets
5. Locality Map
6. Safety Plan HAMEEP
7. Harvesting Plan
8. Harvesting Notification List (Operations Team Leader and Roading Supervisor Only)

1. Objectives

1. Roadworks are required to service native harvesting operations within the above compartments. These compartments are scheduled for harvest in May 2018.
2. The operational map shows the location of the proposed works.
3. **Attachments:** Financial Analysis Spreadsheet gives full details of costs, benefits, material & plant requirements.

2. Specifications and Legal Conditions

This operation must comply with:

- Standard Operating Procedures issued by FCNSW.
- State Forests of NSW Forest Practices Code - Part 4 Forest Roads and Fire Trails (February 1999).
- Integrated Forestry Operations Approval issued under part 5B of the Forestry Act 2012 (IFOA) including the associated licences:
  - Threatened Species Licence issued under the Threatened Species Conservation Act (1995).
  - Fisheries Licence issued under section 220ZW of the Fisheries Management Act 1994.
  - Environment Protection Licence No. 4017 (UNE) issued under section 55 of the Protection of the Environment Operations Act 1997.
- Technical Guidance Notes for Roadworks.

3. Special Conditions

Feature	*Conditions*
Aboriginal Cultural Heritage	One site located near a road. 10m protection zone must be clearly marked (4 bars, 2 dots) before roadworks. Please contact Harvest Planner for grid reference.
Threatened Species	See harvesting plan. Minimise disturbance within protection zones.
Safety Issues (includes hazards, public use of roads)	See Hazard Assessment in the Site Safety Pack

3.1 EPL Licencing

- This operation is licensed under the EPL.
- The Roading Supervisor/Harvesting Manager is responsible for licensing the activity
- The Roading Coordinator/SFO must notify the Roading Supervisor/Harvesting Manager when operations have commenced and ceased.

4. General Conditions

- Tree removal should be undertaken mechanically where possible. Refer to Safety Procedures 4.25 “Manual Tree Felling” and 4.26 “Management of Hazardous Trees & Overhead Hazards”.
- Remove vegetation within 3m of the road prism only where required to maintain safe sight distance and passage of trucks.
- Note: Clearing is generally permitted within 3m of the road prism for all roads. Ground disturbance and tree debris may impact outside this 3m either side of the road prism as is required to effect clearing within 3m of the road prism. Conditions 5, 6 and 47 Schedule 5 of the EPL must apply.

5. Works Schedule

Refer to attached Roading and Crossing Works sheets & diagrams.

Road Maintainence/Upgrade

Road Name 161/1 Road **Category** Temporary

Location From Charlies Camp Road to dump 27 **Length (m)** 700

Comments: Note: Cultural heritage site close to road - lift blade within harvesting exclusion zone. 10m protection zone must be clearly marked (4 bars, 2 dots) before roadworks. Grid reference available from Harvest Planner.

		WORKS	YES	INSTRUCTIONS/SITE SPECIFIC CONDITIONS
Site Info		Works >30 Slopes	☐	
		Mass Movement	☐	
		Dispersible	☐	
Pavement	Upgrade	Widening	☑	Location To remove bends Upgrade Length (m) 700 Formation Width (m) 3.7m Upgrade Spoil Curve Widening
		Grade Lowering	☐	
		Realignment	☐	
		Reopening	☐	
	Maintenance	Clear veg/debris	☑	All road Maintenance Length (m) 0
		Repair surface	☐	NA
		Crown/Crossfall	☑	All road
		Gravel	☐	NA Gravel Length (m)
Roadside/Batters		Remove trees >20 cm	☑	Max Clearing width (m) 3 See general condition 4
		Remove trees <20 cm	☑	Remove vegetation only in accordance to general condition
		Batter Repair/Upgrade	☐	
Drainage		Culverts	☐	Size: Sets:
		Mitres	☑	
		ROD/Spoon	☑	Sets: 3
		Belts/Channels	☐	Sets:
		Drop Downs	☐	Sets:
		Silt Trapping	☐	

Start Date: Finish Date: Soil Stabilisation Date (must be within 5 days):

Date	Event	Initial

Road Name 161/2 Road **Category** Temporary

Location From Charlies Camp Road to dump 19 **Length (m)** 150

Comments: NA

		WORKS	YES	INSTRUCTIONS/SITE SPECIFIC CONDITIONS
Site Info		Works >30 Slopes	☐	
		Mass Movement	☐	
		Dispersible	☐	
Pavement	Upgrade	Widening	☑	**Location** All road **Upgrade Length (m)** 150 **Formation Width (m)** 3.7m **Upgrade Spoil** NA **Curve Widening** NA
		Grade Lowering	☐	NA
		Realignment	☐	NA
		Reopening	☑	All road
	Maintenance	Clear veg/debris	☐	**Maintenance Length (m)** 0
		Repair surface	☐	NA
		Crown/Crossfall	☑	All road
		Gravel	☐	NA **Gravel Length (m)**
Roadside/Batters		Remove trees >20 cm	☑	Max Clearing width (m) 3 **See general condition 4**
		Remove trees <20 cm	☑	**Remove vegetation only in accordance to general condition**
		Batter Repair/Upgrade	☐	NA
Drainage		Culverts	☐	NA **Size:** **Sets:**
		Mitres	☑	
		ROD/Spoon	☑	**Sets:** 1
		Belts/Channels	☐	**Sets:**
		Drop Downs	☐	**Sets:**
		Silt Trapping	☐	

Start Date: Finish Date: Soil Stabilisation Date (must be within 5 days):

Date	Event	Initial

Road Name 162/1 Road **Category** Temporary

Location From Charlies Camp Road to dump 17 **Length (m)** 100

Comments: NA

			WORKS	YES	INSTRUCTIONS/SITE SPECIFIC CONDITIONS
Site Info			Works >30 Slopes	☐	
			Mass Movement	☐	
			Dispersible	☐	
Pavement	Upgrade		Widening	☑	**Location** All road **Upgrade Length (m)** 100 **Formation Width (m)** 3.7m **Upgrade Spoil** NA **Curve Widening** NA
			Grade Lowering	☐	NA
			Realignment	☐	NA
			Reopening	☑	All road
	Maintenance		Clear veg/debris	☐	**Maintenance Length (m)** 0
			Repair surface	☐	NA
			Crown/Crossfall	☑	All road
			Gravel	☐	NA **Gravel Length (m)**
Roadside/Batters			Remove trees >20 cm	☑	Max Clearing width (m) 3 See general condition 4
			Remove trees <20 cm	☑	**Remove vegetation only in accordance to general condition**
			Batter Repair/Upgrade	☐	NA
Drainage			Culverts	☐	NA **Size:** **Sets:**
			Mitres	☑	
			ROD/Spoon	☑	**Sets:** 1
			Belts/Channels	☐	**Sets:**
			Drop Downs	☐	**Sets:**
			Silt Trapping	☐	

Start Date: Finish Date: Soil Stabilisation Date (must be within 5 days):

Date	Event	Initial

Road Name 166/1 Road **Category** Temporary

Location From Rocky Road to dump 6 **Length (m)** 250

Comments: NA

		WORKS	YES	INSTRUCTIONS/SITE SPECIFIC CONDITIONS
Site Info		Works >30 Slopes	☐	
		Mass Movement	☐	
		Dispersible	☐	
Pavement	Upgrade	Widening	☑	**Location** NA **Upgrade Length (m)** 250 **Formation Width (m)** 3.7m **Upgrade Spoil** NA **Curve Widening** NA
		Grade Lowering	☐	NA
		Realignment	☐	NA
		Reopening	☑	All road
	Maintenance	Clear veg/debris	☐	NA **Maintenance Length (m)** 0
		Repair surface	☐	NA
		Crown/Crossfall	☑	All road
		Gravel	☐	NA **Gravel Length (m)**
Roadside/Batters		Remove trees >20 cm	☑	Max Clearing width (m) 3 **See general condition 4**
		Remove trees <20 cm	☑	**Remove vegetation only in accordance to general condition**
		Batter Repair/Upgrade	☐	NA
Drainage		Culverts	☐	NA **Size:** **Sets:**
		Mitres	☑	
		ROD/Spoon	☑	**Sets:** 1
		Belts/Channels	☐	**Sets:**
		Drop Downs	☐	**Sets:**
		Silt Trapping	☐	

Start Date: Finish Date: Soil Stabilisation Date (must be within 5 days):

Date	Event	Initial

Road Name 166/2 Road **Category** Temporary

Location From Childs Road to dump 8 **Length (m)** 450

Comments: NA

		WORKS	YES	INSTRUCTIONS/SITE SPECIFIC CONDITIONS
Site Info		Works >30 Slopes	☐	
		Mass Movement	☐	
		Dispersible	☐	
Pavement	Upgrade	Widening	☑	**Location** To remove bends **Upgrade Length (m)** 450 **Formation Width (m)** 3.7m **Upgrade Spoil** NA **Curve Widening** NA
		Grade Lowering	☐	NA
		Realignment	☑	Bend at start of road
		Reopening	☐	NA
	Maintenance	Clear veg/debris	☐	NA **Maintenance Length (m)** 0
		Repair surface	☐	NA
		Crown/Crossfall	☑	All road
		Gravel	☐	NA **Gravel Length (m)**
Roadside/Batters		Remove trees >20 cm	☑	Max Clearing width (m) 3 **See general condition 4**
		Remove trees <20 cm	☑	**Remove vegetation only in accordance to general condition**
		Batter Repair/Upgrade	☐	NA
Drainage		Culverts	☐	NA **Size:** **Sets:**
		Mitres	☑	
		ROD/Spoon	☑	**Sets:** 3
		Belts/Channels	☐	**Sets:**
		Drop Downs	☐	**Sets:**
		Silt Trapping	☐	

Start Date: Finish Date: Soil Stabilisation Date (must be within 5 days):

Date	Event	Initial

Road Name 178/1 Road **Category** Temporary

Location From Rocky Road to dump 4 **Length (m)** 450

Comments: NA

		WORKS	YES	INSTRUCTIONS/SITE SPECIFIC CONDITIONS
Site Info		Works >30 Slopes	☐	
		Mass Movement	☐	
		Dispersible	☐	
Pavement	Upgrade	Widening	☐	Location NA Upgrade Length (m) 0 Formation Width (m) NA Upgrade Spoil NA Curve Widening NA
		Grade Lowering	☐	NA
		Realignment	☐	NA
		Reopening	☐	NA
	Maintenance	Clear veg/debris	☐	NA Maintenance Length (m) 450
		Repair surface	☐	NA
		Crown/Crossfall	☑	All road
		Gravel	☐	NA Gravel Length (m)
Roadside/Batters		Remove trees >20 cm	☑	Max Clearing width (m) 3 See general condition 4
		Remove trees <20 cm	☑	Remove vegetation only in accordance to general condition
		Batter Repair/Upgrade	☐	NA
Drainage		Culverts	☐	NA Size: Sets:
		Mitres	☑	
		ROD/Spoon	☑	Sets: 3
		Belts/Channels	☐	Sets:
		Drop Downs	☐	Sets:
		Silt Trapping	☐	

Start Date: Finish Date: Soil Stabilisation Date (must be within 5 days):

Date	Event	Initial

Road Name Charlies Camp Road **Category** Permanent

Location From Maxwells Spur Rd to 162/1 Rd and Childs Rd to dump 10 **Length (m)** 4050

Comments: NA

		WORKS	YES	INSTRUCTIONS/SITE SPECIFIC CONDITIONS
Site Info		Works >30 Slopes	☐	
		Mass Movement	☐	
		Dispersible	☐	
Pavement	Upgrade	Widening	☐	Location NA Upgrade Length (m) Formation Width (m) NA Upgrade Spoil NA Curve Widening NA
		Grade Lowering	☐	NA
		Realignment	☐	NA
		Reopening	☐	NA
	Maintenance	Clear veg/debris	☐	NA Maintenance Length (m)
		Repair surface	☐	NA
		Crown/Crossfall	☑	All road
		Gravel	☐	NA Gravel Length (m)
Roadside/Batters		Remove trees >20 cm	☑	Max Clearing width (m) 3 See general condition 4
		Remove trees <20 cm	☑	Remove vegetation only in accordance to general condition
		Batter Repair/Upgrade	☐	NA
Drainage		Culverts	☑	Check pipes Size: Sets:
		Mitres	☑	
		ROD/Spoon	☑	Sets: 20
		Belts/Channels	☐	Sets:
		Drop Downs	☐	Sets:
		Silt Trapping	☐	

Start Date: Finish Date: Soil Stabilisation Date (must be within 5 days):

Date	Event	Initial

Road Name Childs Road **Category** Permanent

Location Link Rd to 166/2 Rd, Rocky Rd to dump 1 **Length (m)** 850

Comments: NA

		WORKS	YES	INSTRUCTIONS/SITE SPECIFIC CONDITIONS
Site Info		Works >30 Slopes	☐	
		Mass Movement	☐	
		Dispersible	☐	
Pavement	Upgrade	Widening	☐	Location NA Upgrade Length (m) Formation Width (m) NA Upgrade Spoil NA Curve Widening NA
		Grade Lowering	☐	NA
		Realignment	☐	NA
		Reopening	☐	NA
	Maintenance	Clear veg/debris	☐	NA Maintenance Length (m)
		Repair surface	☑	Rocky Road to dump 1
		Crown/Crossfall	☑	All road
		Gravel	☐	NA Gravel Length (m)
Roadside/Batters		Remove trees >20 cm	☑	Max Clearing width (m) 3 See general condition 4
		Remove trees <20 cm	☑	Remove vegetation only in accordance to general condition
		Batter Repair/Upgrade	☐	NA
Drainage		Culverts	☐	NA Size: Sets:
		Mitres	☑	
		ROD/Spoon	☑	Sets: 5
		Belts/Channels	☐	Sets:
		Drop Downs	☐	Sets:
		Silt Trapping	☐	

Start Date: Finish Date: Soil Stabilisation Date (must be within 5 days):

Date	Event	Initial

Road Name Link Road **Category** Permanent

Location Rocky Road to Childs Road **Length (m)** 950

Comments: NA

		WORKS	YES	INSTRUCTIONS/SITE SPECIFIC CONDITIONS
Site Info		Works >30 Slopes	☐	
		Mass Movement	☐	
		Dispersible	☐	
Pavement	Upgrade	Widening	☑	**Location** To remove bends and dangerous tree near crossing H **Upgrade Length (m)** 100 **Formation Width (m)** 3.7m **Upgrade Spoil** NA **Curve Widening** NA
		Grade Lowering	☐	NA
		Realignment	☐	NA
		Reopening	☐	NA
	Maintenance	Clear veg/debris	☐	NA **Maintenance Length (m)** 850
		Repair surface	☐	NA
		Crown/Crossfall	☑	All road
		Gravel	☐	NA **Gravel Length (m)**
Roadside/Batters		Remove trees >20 cm	☑	Max Clearing width (m) 3 **See general condition 4**
		Remove trees <20 cm	☑	**Remove vegetation only in accordance to general condition**
		Batter Repair/Upgrade	☐	NA
Drainage		Culverts	☐	Check pipes **Size:** **Sets:**
		Mitres	☑	
		ROD/Spoon	☑	**Sets:** 5
		Belts/Channels	☐	**Sets:**
		Drop Downs	☐	**Sets:**
		Silt Trapping	☐	

Start Date: Finish Date: Soil Stabilisation Date (must be within 5 days):

Date	Event	Initial

Road Name Radley Spur Fork Road **Category** Permanent

Location From Radley Spur Road to dump 20 **Length (m)** 1150

Comments: **No removal of trees >20cm DBHOB outside 3m road prism within species specific exclusion (Brushtailed Phascogale).**

		WORKS	YES	INSTRUCTIONS/SITE SPECIFIC CONDITIONS
Site Info		Works >30 Slopes	☐	
		Mass Movement	☐	
		Dispersible	☐	
Pavement	Upgrade	Widening	☑	**Location** To remove bends **Upgrade Length (m)** 1150 **Formation Width (m)** 3.7m **Upgrade Spoil** NA **Curve Widening** NA
		Grade Lowering	☐	NA
		Realignment	☐	NA
		Reopening	☐	NA
	Maintenance	Clear veg/debris	☐	NA **Maintenance Length (m)** 0
		Repair surface	☐	NA
		Crown/Crossfall	☑	All road
		Gravel	☐	NA **Gravel Length (m)**
Roadside/Batters		Remove trees >20 cm	☑	Max Clearing width (m) 3 **See general condition 4**
		Remove trees <20 cm	☑	**Remove vegetation only in accordance to general condition**
		Batter Repair/Upgrade	☐	NA
Drainage		Culverts	☐	NA **Size:** **Sets:**
		Mitres	☑	
		ROD/Spoon	☑	**Sets:** 6
		Belts/Channels	☐	**Sets:**
		Drop Downs	☐	**Sets:**
		Silt Trapping	☐	

Start Date: Finish Date: Soil Stabilisation Date (must be within 5 days):

Date	Event	Initial

Road Name Radley Spur Road **Category** Permanent

Location From Charlies Camp Road to dump 24 **Length (m)** 1600

Comments: No removal of trees >20cm DBHOB outside 3m road prism within species specific exclusion (Brushtailed Phascogale).

		WORKS	YES	INSTRUCTIONS/SITE SPECIFIC CONDITIONS
Site Info		Works >30 Slopes	☐	
		Mass Movement	☐	
		Dispersible	☐	
Pavement	Upgrade	Widening	☑	**Location** Batter section and bends as required **Upgrade Length (m)** 1600 **Formation Width (m)** 3.7m **Upgrade Spoil** NA **Curve Widening** NA
		Grade Lowering	☐	NA
		Realignment	☐	NA
		Reopening	☐	NA
	Maintenance	Clear veg/debris	☐	NA **Maintenance Length (m)** 0
		Repair surface	☐	NA
		Crown/Crossfall	☑	All road
		Gravel	☐	NA **Gravel Length (m)**
Roadside/Batters		Remove trees >20 cm	☑	Max Clearing width (m) 3 **See general condition 4**
		Remove trees <20 cm	☑	**Remove vegetation only in accordance to general condition**
		Batter Repair/Upgrade	☑	Widening section Disturbed cut batters layed back 1:3/4
Drainage		Culverts	☐	NA **Size:** **Sets:**
		Mitres	☑	
		ROD/Spoon	☑	**Sets:** 8
		Belts/Channels	☐	**Sets:**
		Drop Downs	☐	**Sets:**
		Silt Trapping	☐	

Start Date: Finish Date: Soil Stabilisation Date (must be within 5 days):

Date	Event	Initial

Road Name Rocky Road **Category** Permanent

Location From Charlies Camp Road to dump 2 **Length (m)** 4750

Comments: NA

		WORKS	YES	INSTRUCTIONS/SITE SPECIFIC CONDITIONS
Site Info		Works >30 Slopes	☐	
		Mass Movement	☐	
		Dispersible	☐	
Pavement	Upgrade	Widening	☑	**Location** Where required from dump 14 to dump 2 **Upgrade Length (m)** 1750 **Formation Width (m)** 3.7m **Upgrade Spoil** Incorporated into road surface **Curve Widening** Batter section near dump 14
		Grade Lowering	☐	NA
		Realignment	☐	NA
		Reopening	☐	NA
	Maintenance	Clear veg/debris	☐	NA **Maintenance Length (m)** 3000
		Repair surface	☐	NA
		Crown/Crossfall	☑	All road
		Gravel	☐	NA **Gravel Length (m)**
Roadside/Batters		Remove trees >20 cm	☑	Max Clearing width (m) 3 **See general condition 4**
		Remove trees <20 cm	☑	**Remove vegetation only in accordance to general condition**
		Batter Repair/Upgrade	☑	Widening section Disturbed cut batters layed back 1:3/4
Drainage		Culverts	☐	NA **Size:** **Sets:**
		Mitres	☑	
		ROD/Spoon	☑	**Sets:** 12
		Belts/Channels	☑	**Sets:** 8
		Drop Downs	☐	**Sets:**
		Silt Trapping	☐	

Start Date: Finish Date: Soil Stabilisation Date (must be within 5 days):

Date	Event	Initial

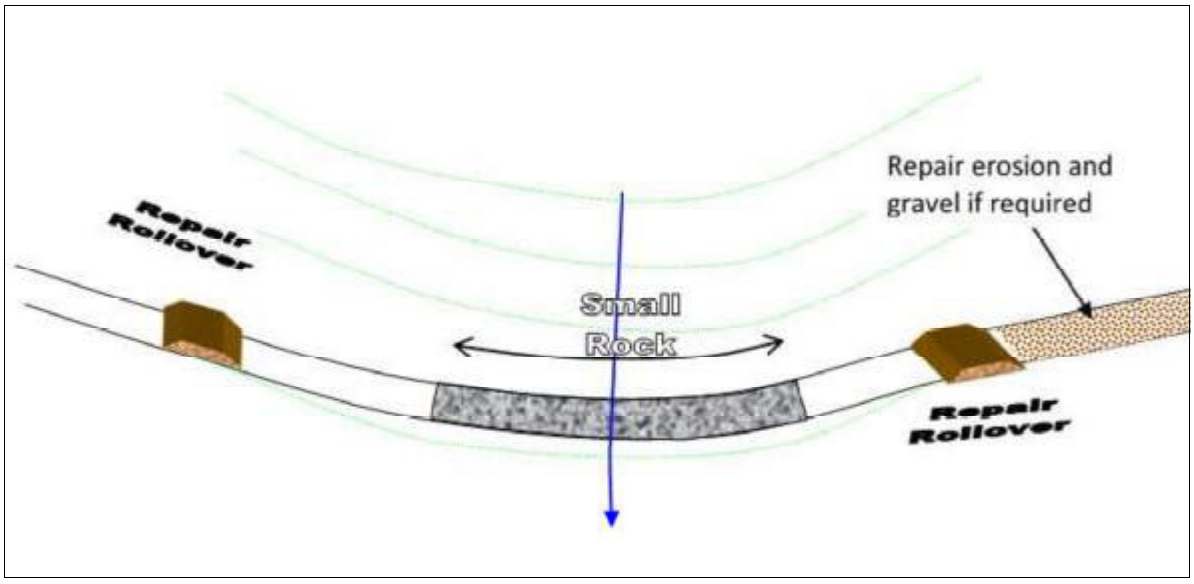
Crossing Works

Crossing Name A **Road Name** Charlies Camp Road **Location** 1400m from Maxwells Spur Rd

Drainage Feature 1st order stream **Stream Permanency** Intermittent

Existing Crossing	Size	Stability Status	Crossing Required	Size (mm/m	Future
Causeway	NA	Stable (maintenance)	Existing	NA	Permanent

Crossing Works		Approaches and Road Drainage	
Pavement/Structure	Armour with additional rock	**Approaches**	Repair erosion and gravel
Reshape Bed/banks	Nil	**Temporary Drainage**	Nil required
Disposal of Spoil	NA	**5-30m Upstream Left**	Reshape existing rollover
Inlet	Existing armoured/vegetated	**5-30m Upstream Right**	Reshape existing rollover
Outlet	Existing armoured/vegetated	**Practices where no 5-30**	NA
Stabilisation	Nil required	**OutletControl**	Natural vegetation
ErosionControl	Nil required	**TableDrain**	Natural vegetation



Start Date: Finish Date: Soil Stabilisation Date (must be within 5 days):

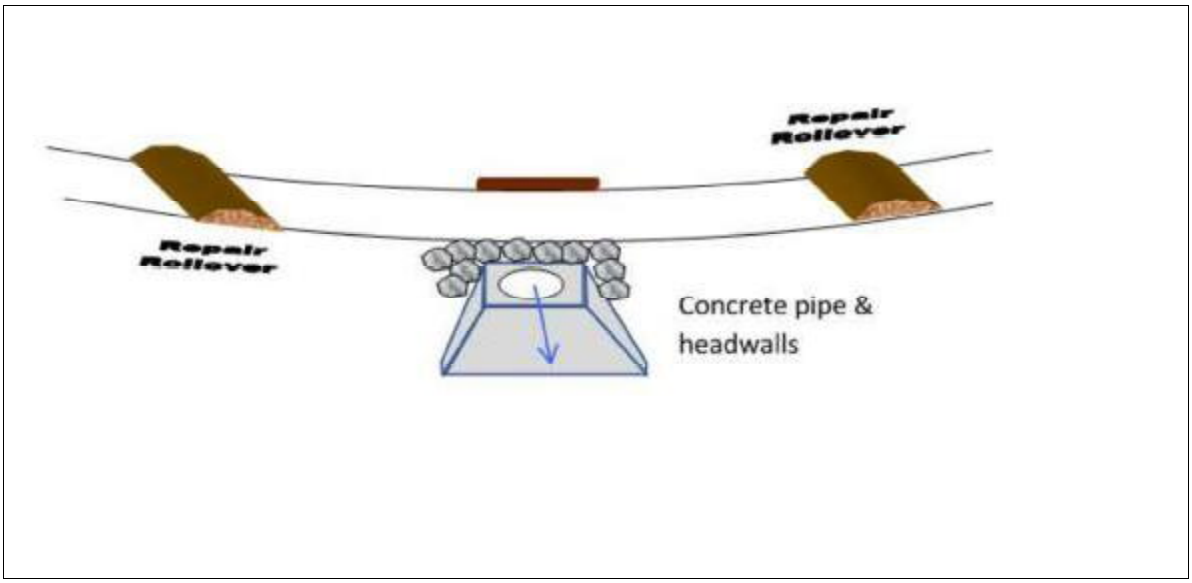
Date	Event	Initial

Crossing Name B **Road Name** Charlies Camp Road **Location** 1700m from Maxwells Spur Rd

Drainage Feature 2nd order stream **Stream Permanency** Intermittent

Existing Crossing	Size	Stability Status	Crossing Required	Size (mm/m	Future
Pipe culvert	750	Stable (maintenance)	Existing	NA	Permanent

Crossing Works		Approaches and Road Drainage	
Pavement/Structure	Existing natural surface	**Approaches**	Nil required
Reshape Bed/banks	Nil	**Temporary Drainage**	Nil required
Disposal of Spoil	NA	**5-30m Upstream Left**	Reshape existing rollover
Inlet	Existing armoured/vegetated	**5-30m Upstream Right**	Reshape existing rollover
Outlet	Existing armoured/vegetated	**Practices where no 5-30**	NA
Stabilisation	Nil required	**OutletControl**	Natural vegetation
ErosionControl	Nil required	**TableDrain**	Natural vegetation



Start Date: Finish Date: Soil Stabilisation Date (must be within 5 days):

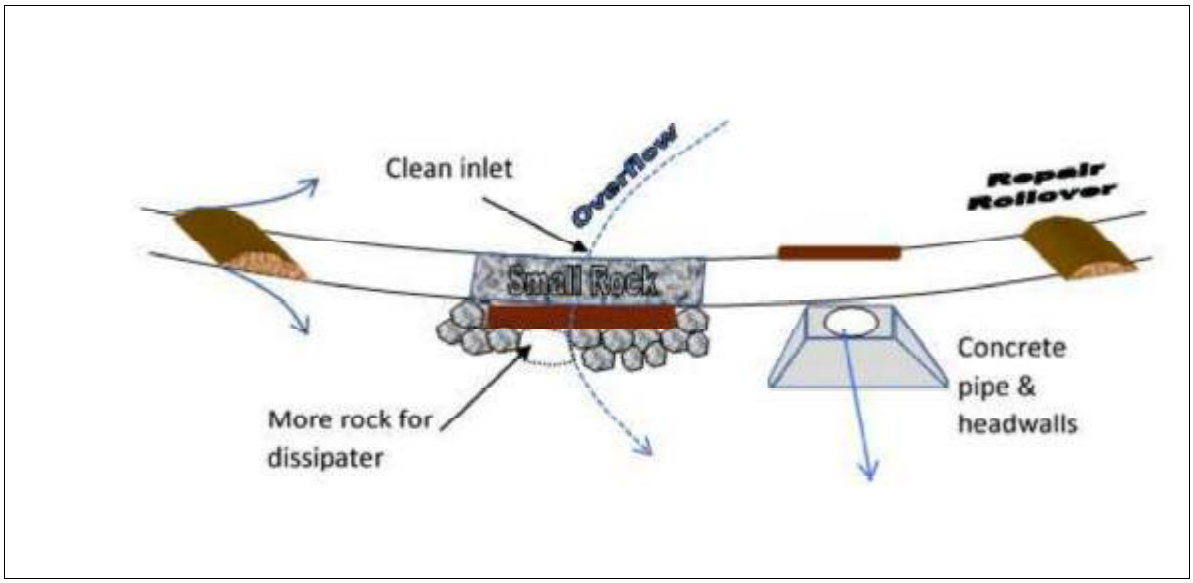
Date	Event	Initial

Crossing Name C **Road Name** Charlies Camp Road **Location** 1900m from Maxwells Spur Rd

Drainage Feature Unmapped drainage line **Stream Permanency** Intermittent

Existing Crossing	Size	Stability Status	Crossing Required	Size (mm/m	Future
Pipe culvert	500	Stable (maintenance)	Existing	NA	Permanent

Crossing Works		Approaches and Road Drainage	
Pavement/Structure	Existing natural surface. Rock for overflow pavement	**Approaches**	Nil required
Reshape Bed/banks	Nil	**Temporary Drainage**	Nil required
Disposal of Spoil	NA	**5-30m Upstream Left**	Install rollover
Inlet	Clean	**5-30m Upstream Right**	Reshape existing rollover
Outlet	Additional rock dissipator (overflow)	**Practices where no 5-30**	NA
Stabilisation	Nil required	**OutletControl**	Natural vegetation
ErosionControl	Nil required	**TableDrain**	Natural vegetation



Start Date: Finish Date: Soil Stabilisation Date (must be within 5 days):

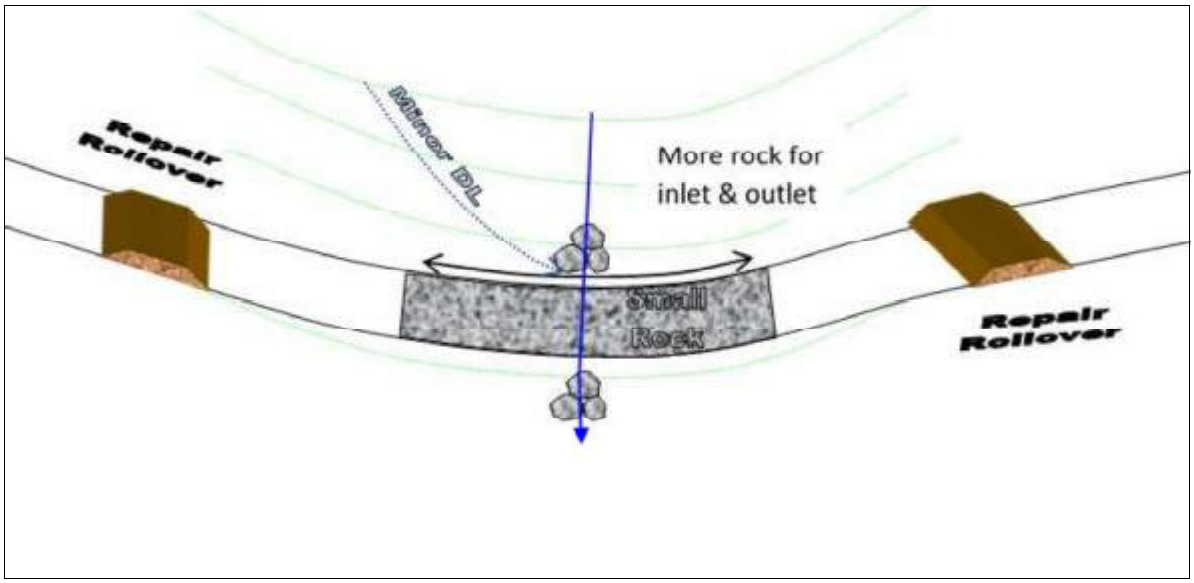
Date	Event	Initial

Crossing Name D **Road Name** Charlies Camp Road **Location** 2300m from Maxwells Spur Rd

Drainage Feature Unmapped drainage line **Stream Permanency** Intermittent

Existing Crossing	Size	Stability Status	Crossing Required	Size (mm/m	Future
Causeway	NA	Stable (maintenance)	Existing	NA	Permanent

Crossing Works		Approaches and Road Drainage	
Pavement/Structure	Armour with additional rock	**Approaches**	Nil required
Reshape Bed/banks	Nil	**Temporary Drainage**	Nil required
Disposal of Spoil	NA	**5-30m Upstream Left**	Reshape existing rollover
Inlet	Armour with rock	**5-30m Upstream Right**	Reshape existing rollover
Outlet	Additional rock dissipator	**Practices where no 5-30**	NA
Stabilisation	Nil required	**OutletControl**	Natural vegetation
ErosionControl	Nil required	**TableDrain**	Natural vegetation



Start Date: Finish Date: Soil Stabilisation Date (must be within 5 days):

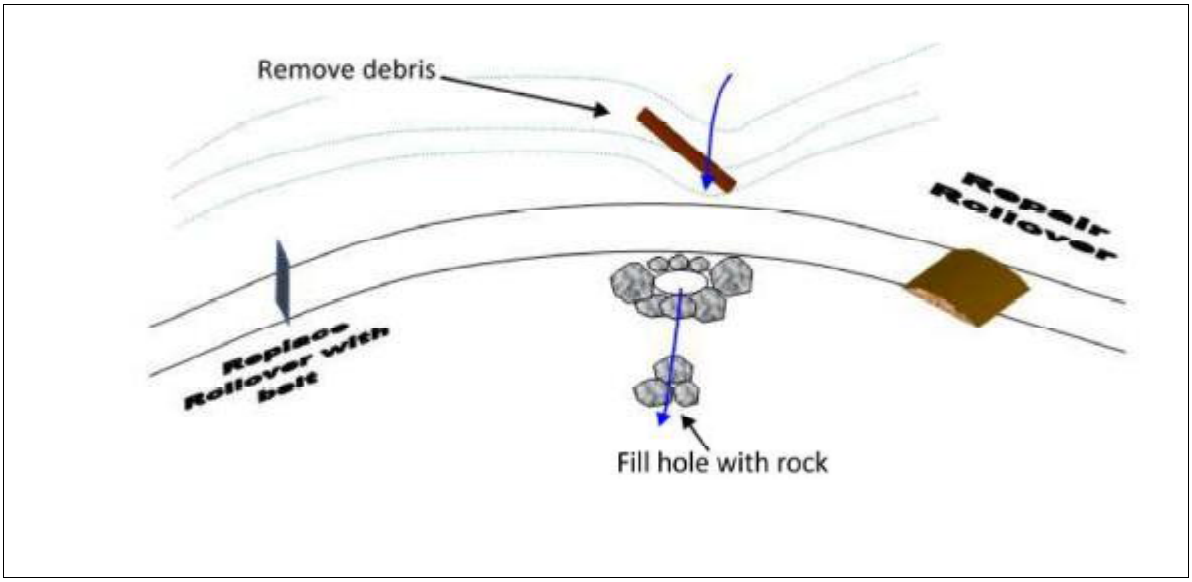
Date	Event	Initial

Crossing Name E **Road Name** Charlies Camp Road **Location** 150m from 161/1 Rd

Drainage Feature Unmapped drainage line **Stream Permanency** Intermittent

Existing Crossing	Size	Stability Status	Crossing Required	Size (mm/m	Future
Pipe culvert	450	Stable (maintenance)	Existing	NA	Permanent

Crossing Works		Approaches and Road Drainage	
Pavement/Structure	Existing natural surface	**Approaches**	Nil required
Reshape Bed/banks	Nil	**Temporary Drainage**	Nil required
Disposal of Spoil	NA	**5-30m Upstream Left**	Install belt/channel
Inlet	Clean debris	**5-30m Upstream Right**	Reshape existing rollover
Outlet	Additional rock dissipater	**Practices where no 5-30**	NA
Stabilisation	Nil required	**OutletControl**	Natural vegetation
ErosionControl	Nil required	**TableDrain**	Natural vegetation



Start Date: Finish Date: Soil Stabilisation Date (must be within 5 days):

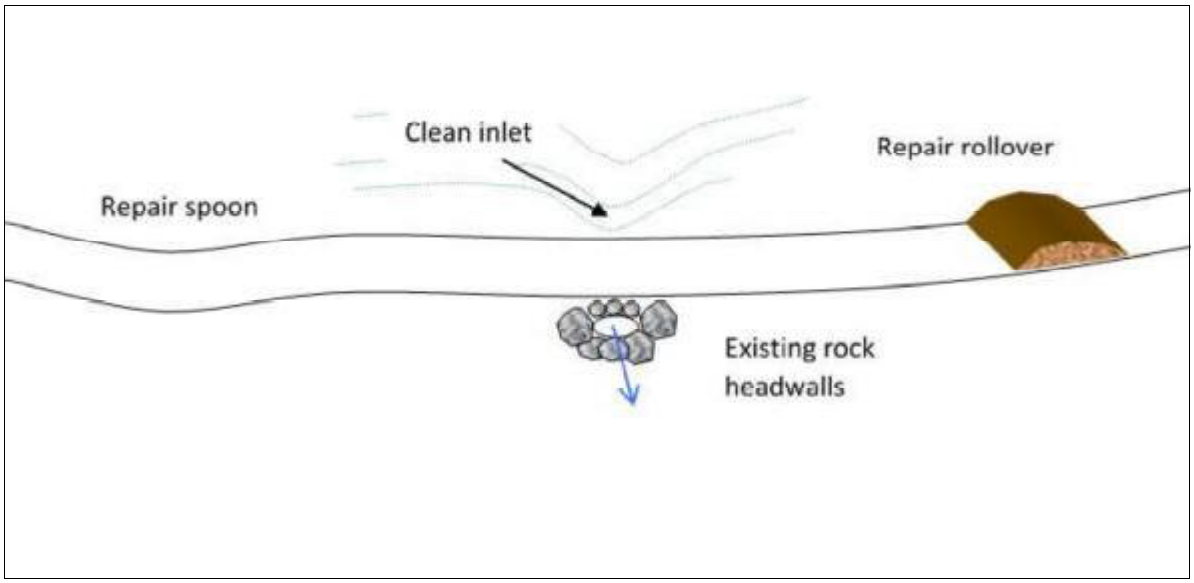
Date	Event	Initial

Crossing Name F **Road Name** Charlies Camp Road **Location** 400m from 161/1 Rd

Drainage Feature 1st order stream **Stream Permanency** Intermittent

Existing Crossing	Size	Stability Status	Crossing Required	Size (mm/m	Future
Pipe culvert	450	Stable (maintenance)	Existing	NA	Permanent

Crossing Works		Approaches and Road Drainage	
Pavement/Structure	Existing natural surface	**Approaches**	Nil required
Reshape Bed/banks	Nil	**Temporary Drainage**	Nil required
Disposal of Spoil	NA	**5-30m Upstream Left**	Repair existing spoon
Inlet	Clean	**5-30m Upstream Right**	Repair existing rollover
Outlet	Existing armoured/vegetated	**Practices where no 5-30**	NA
Stabilisation	Nil required	**OutletControl**	Natural vegetation
ErosionControl	Nil required	**TableDrain**	Natural vegetation



Start Date: Finish Date: Soil Stabilisation Date (must be within 5 days):

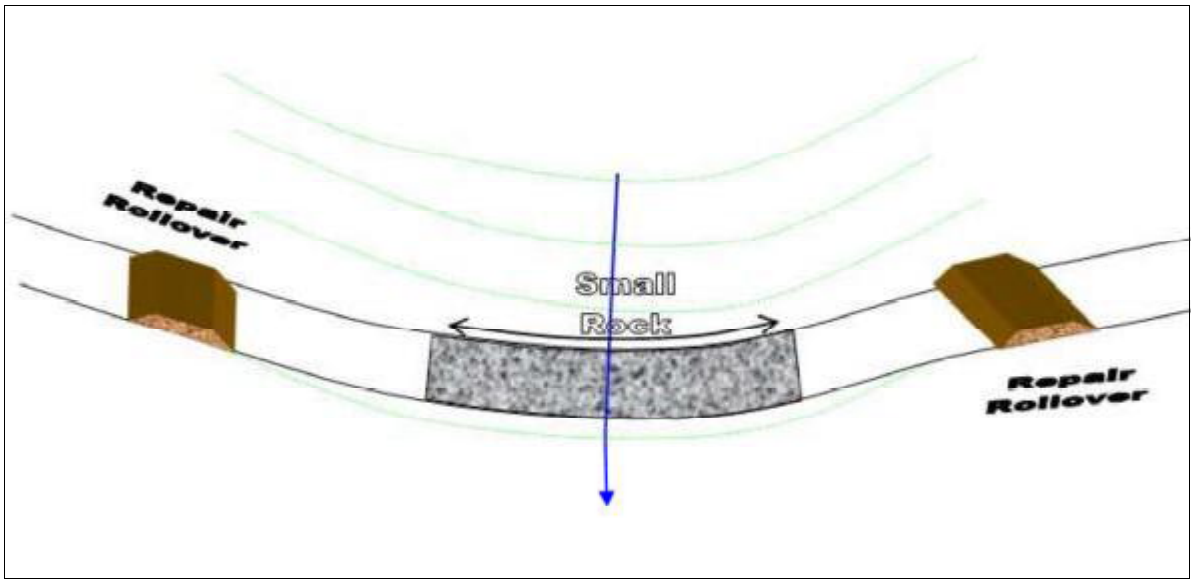
Date	Event	Initial

Crossing Name G **Road Name** Radley Spur Road **Location** 100m from Radley Spur Fork Rd

Drainage Feature Depression **Stream Permanency** Intermittent

Existing Crossing	Size	Stability Status	Crossing Required	Size (mm/m	Future
Causeway	NA	Stable (maintenance)	Existing	NA	Permanent

Crossing Works		Approaches and Road Drainage	
Pavement/Structure	Armour with additional rock	Approaches	Widen
Reshape Bed/banks	Nil	Temporary Drainage	Nil required
Disposal of Spoil	NA	5-30m Upstream Left	Reshape existing rollover
Inlet	Existing armoured/vegetated	5-30m Upstream Right	Reshape existing rollover
Outlet	Existing armoured/vegetated	Practices where no 5-30	NA
Stabilisation	Nil required	OutletControl	Natural vegetation
ErosionControl	Nil required	TableDrain	Natural vegetation



Start Date: Finish Date: Soil Stabilisation Date (must be within 5 days):

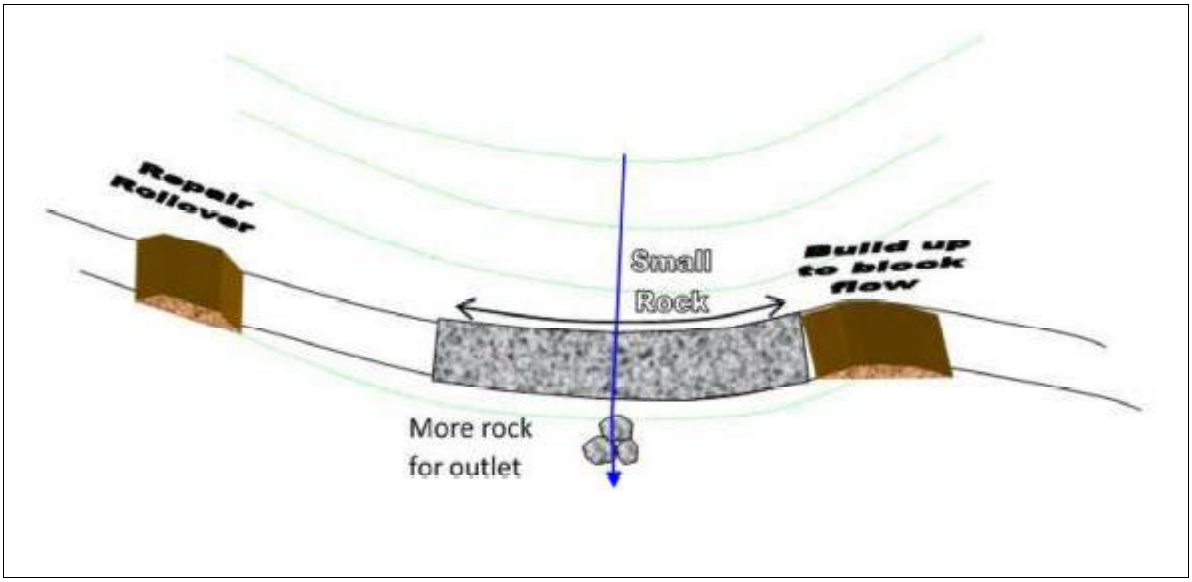
Date	Event	Initial

Crossing Name H **Road Name** Link Road **Location** 600m from Rocky Road

Drainage Feature Unmapped drainage line **Stream Permanency** Intermittent

Existing Crossing	Size	Stability Status	Crossing Required	Size (mm/m	Future
Causeway	NA	Unstable (upgrade)	Existing	NA	Permanent

Crossing Works		Approaches and Road Drainage	
Pavement/Structure	Armour with rock Build up right side to block water flow	Approaches	Nil required
Reshape Bed/banks	Reshape causeway	Temporary Drainage	Nil required
Disposal of Spoil	NA	5-30m Upstream Left	Move existing rollover
Inlet	Existing armoured/vegetated	5-30m Upstream Right	Install Rollover
Outlet	Existing armoured/vegetated	Practices where no 5-30	NA
Stabilisation	Nil required	OutletControl	Natural vegetation
ErosionControl	Nil required	TableDrain	Natural vegetation



Start Date: Finish Date: Soil Stabilisation Date (must be within 5 days):

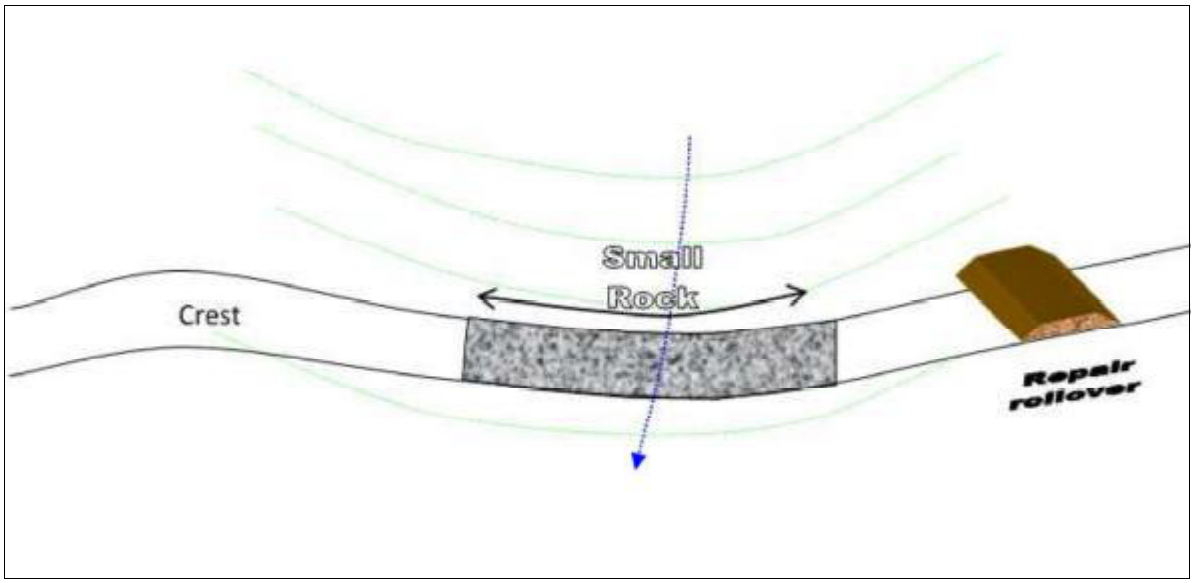
Date	Event	Initial

Crossing Name I **Road Name** Link Road **Location** 750m from Rocky Road

Drainage Feature 1st order stream **Stream Permanency** Intermittent

Existing Crossing	Size	Stability Status	Crossing Required	Size (mm/m	Future
Causeway	NA	Stable (maintenance)	Existing	NA	Permanent

Crossing Works		Approaches and Road Drainage	
Pavement/Structure	Armour with additional rock	**Approaches**	Nil required
Reshape Bed/banks	Reshape causeway	**Temporary Drainage**	Nil required
Disposal of Spoil	NA	**5-30m Upstream Left**	Existing crest
Inlet	Existing armoured/vegetated	**5-30m Upstream Right**	Reshape existing rollover
Outlet	Existing armoured/vegetated	**Practices where no 5-30**	NA
Stabilisation	Nil required	**OutletControl**	Natural vegetation
ErosionControl	Nil required	**TableDrain**	Natural vegetation



Start Date: Finish Date: Soil Stabilisation Date (must be within 5 days):

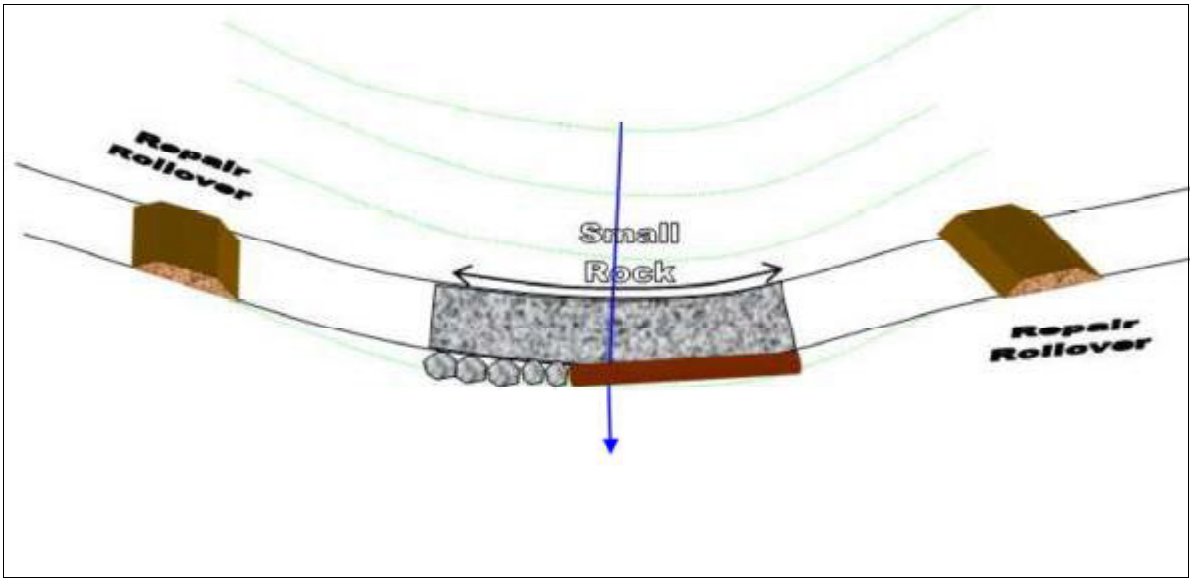
Date	Event	Initial

Crossing Name J **Road Name** Link Road **Location** 800m from Rocky Road

Drainage Feature Unmapped drainage line **Stream Permanency** Intermittent

Existing Crossing	Size	Stability Status	Crossing Required	Size (mm/m	Future
Causeway	NA	Unstable (upgrade)	Existing	NA	Permanent

Crossing Works		Approaches and Road Drainage	
Pavement/Structure	Armour with rock	Approaches	Nil required
Reshape Bed/banks	Reshape causeway	Temporary Drainage	Nil required
Disposal of Spoil	NA	5-30m Upstream Left	Reshape existing rollover
Inlet	Existing armoured/vegetated	5-30m Upstream Right	Reshape existing rollover
Outlet	Existing armoured/vegetated	Practices where no 5-30	NA
Stabilisation	Nil required	OutletControl	Natural vegetation
ErosionControl	Nil required	TableDrain	Natural vegetation



Start Date: Finish Date: Soil Stabilisation Date (must be within 5 days):

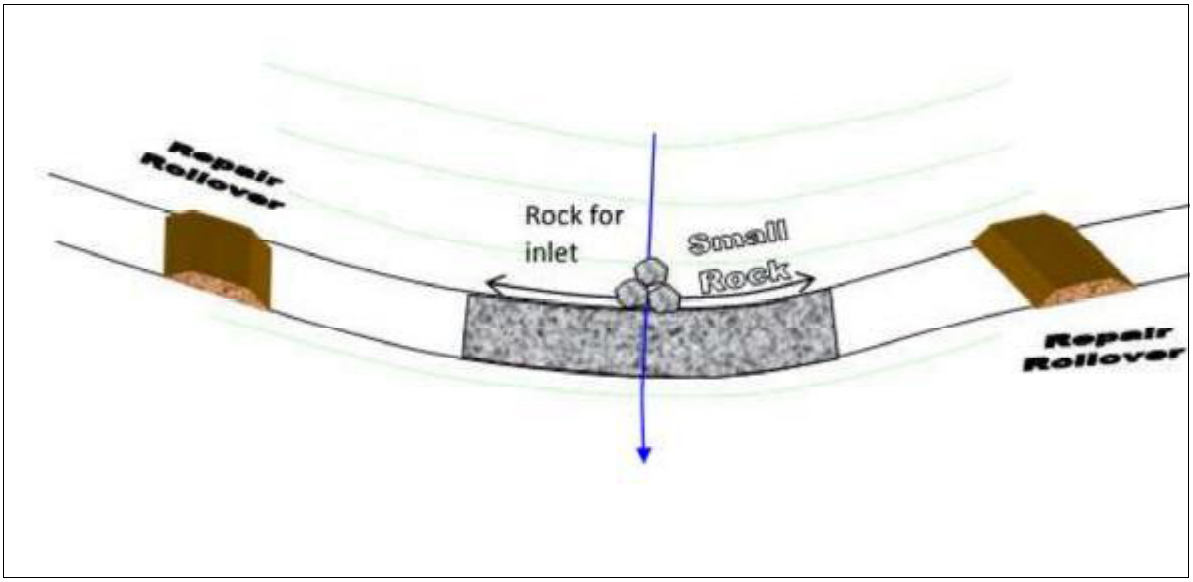
Date	Event	Initial

Crossing Name K **Road Name** Charlies Camp Road **Location** 100m from Childs Road

Drainage Feature 1st order stream **Stream Permanency** Intermittent

Existing Crossing	Size	Stability Status	Crossing Required	Size (mm/m	Future
Causeway	NA	Unstable (upgrade)	Existing	NA	Permanent

Crossing Works		Approaches and Road Drainage	
Pavement/Structure	Armour with rock	**Approaches**	Nil required
Reshape Bed/banks	Nil	**Temporary Drainage**	Nil required
Disposal of Spoil	NA	**5-30m Upstream Left**	Reshape existing rollover
Inlet	Armour with rock	**5-30m Upstream Right**	Reshape existing rollover
Outlet	Existing armoured/vegetated	**Practices where no 5-30**	NA
Stabilisation	Nil required	**OutletControl**	Natural vegetation
ErosionControl	Nil required	**TableDrain**	Natural vegetation



Start Date: Finish Date: Soil Stabilisation Date (must be within 5 days):

Date	Event	Initial

6. Operational Control

Roading Supervisor to sign here

I acknowledge that I have received a copy of the plan documents and that I have been briefed on the conditions of the Plan. I understand the operational control requirements as outlined in the plan and take responsibility for the implementation of plan conditions as the principle controller of the operation.

I will brief any other operators not present at this briefing prior to them starting any work on site and ensure that risk assessment for the Safety Management Plan is completed for this area prior to operations commencing

Name:		Signature:		
Position:		Date:	From	
Company:			To	

Name:		Signature:		
Position:		Date:	From	
Company:			To	

Name:		Signature:		
Position:		Date:	From	
Company:			To	

Name:		Signature:		
Position:		Date:	From	
Company:			To	

Name:		Signature:		
Position:		Date:	From	
Company:			To	

7. Handover Briefing

I acknowledge that I have received a copy of the plan documents and that I have been briefed on the conditions of the Plan. I understand the operational control requirements as outlined in the plan.

Position - Company	*Name*	*Signature*	*Date*