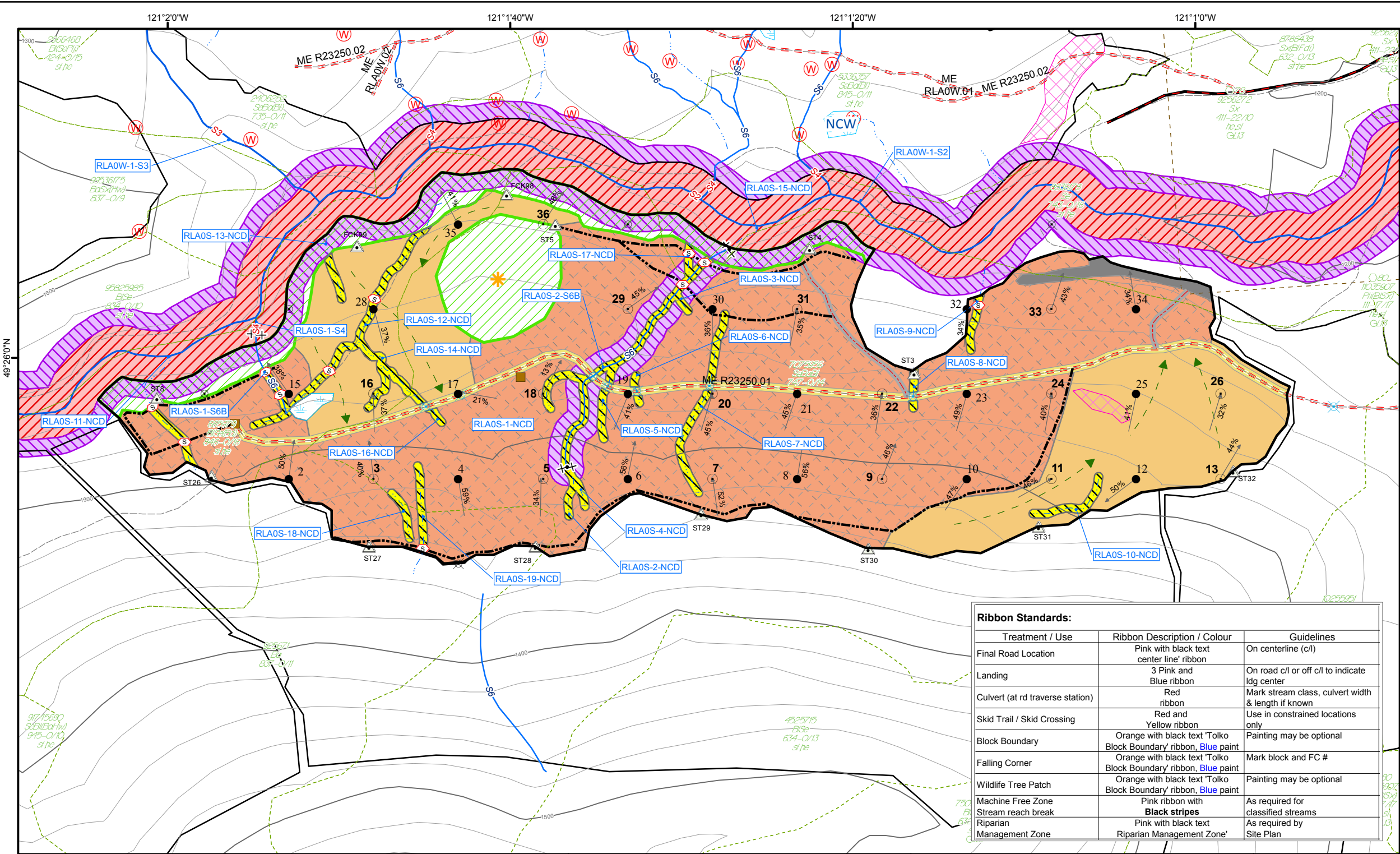




Ribbon Standards:		
Treatment / Use	Ribbon Description / Colour	Guidelines
Final Road Location	Pink with black text center line' ribbon	On centerline (c/l)
Landing	3 Pink and Blue ribbon	On road c/l or off c/l to indicate ldg center
Culvert (at rd traverse station)	Red ribbon	Mark stream class, culvert width & length if known
Skid Trail / Skid Crossing	Red and Yellow ribbon	Use in constrained locations only
Block Boundary	Orange with black text 'Tolko Block Boundary' ribbon, Blue paint	Painting may be optional
Falling Corner	Orange with black text 'Tolko Block Boundary' ribbon, Blue paint	Mark block and FC #
Wildlife Tree Patch	Orange with black text 'Tolko Block Boundary' ribbon, Blue paint	Painting may be optional
Machine Free Zone	Pink ribbon with Black stripes	As required for classified streams
Stream reach break	Pink with black text	As required by Site Plan
Riparian Management Zone	Riparian Management Zone'	

WORKER ALERTS

Safety Concerns: Slopes > 35% do exist within the block. Written safe steep slopes procedures are required and licensees are to adhere to section 26.16 or the OHS regulation. This block is located within a significant recreation area for seasonal activities such as but not limited to snowmobiling, camping, hunting or fishing etc... Ensure all forestry operations are conducted in a manner to ensure public safety. Ensure proper warning signs are placed in the appropriate places. This block is also adjacent to active recreation sites/polygons and there may be nails and or other materials embedded in trees within the vicinity of the recreation site.

Leave Tree Specifications: Target Leave Trees: Reserve Fdi (95% greater than or equal to 17.5cm) where operationally feasible to enhance structural diversity for wildlife habitat values, and as a supplemental source of seed and shelter for regeneration. The cruise indicates approximately 3.3 stems/ha or 111 total stems can be expected to be retained. Reserve Cw (95% greater than or equal to 17.5cm) where operationally feasible to enhance structural diversity for wildlife habitat values, and as a supplemental source of seed and shelter for regeneration. The cruise indicates approximately 41.5 stems/ha or 1398 total stems can be expected to be retained. Reserve Live Pa (100% all diamter classes). No Pa was observed on site but may be present at low densities. Reserve Pw (95% greater than or equal to 17.5cm) where operationally feasible to enhance structural diversity for wildlife habitat values, and as a supplemental source of seed and shelter for regeneration. No Pw was observed on site but may be present at low densities. Although not identified in the block, reserve 95% of Act, At and Ep where operationally feasible. Any stems required to be felled for safety or access will be left on site as coarse woody debris. Within the RMZ of RLA0S-2-S6B: Reserve Live Fd,Cw,Hw and Pw (95% greater than or equal to 17.5 cm), if encountered. Reserve Live Sx (95% greater than equal to 17.5cm and less than equal to 22.4cm). Reserve Live Bi (95% greater than equal to 17.5cm and less than equal to 32.4cm) The estimated leave tree ranges are for operational guidance and consider field observations, statistical error in the cruise data, and the amount of the NAR required to be clear-cut for required access (skidding, roads, and processing), silviculture and safety. Final in-block retention is intended to meet the percent retention stated by species. Actual leave trees may vary upward or downward from estimated ranges. The distribution of the leave trees is not expected to be even throughout the block as there are > 1ha areas that may not have any of these species. Exceptional circumstances: With the exception of Whitebark Pine (Pa) target leave trees can be felled and left on site when necessary for incidental falling, blowdown removal, or safety/operational reasons.

Access Instructions

From Merritt, drive south along HWY 5 (Coquihalla) for 62.8 km and take Coquihalla lake road exit towards the Britton Creek rest area. Continue past the rest area for 250 m and take the first left onto Tulameen FSR. Follow Tulameen FSR for 35.2 Kms and turn right onto NCRT254. Follow for an additional 250 meters to the block boundary.

Riparian Features:

S2's
RLA0W-1-S2 (Sutter Cr): The Riparian Reserve Zone (RRZ) for this stream is beyond the block boundaries. No further management required. The majority of the Riparian Management Zone (RMZ) lies outside of the harvest area. The areas where the RMZ overlaps the harvest area will be managed per the SU-A or SU-B.

S4's
RLA0S-1-S4: Stream is located more than 10 meters outside of the block boundary. The Riparian Management Area (RMA) for these streams have NOT been marked in the field.

S6B's
RLA0S-1-S6B and RLA0S-2-S6B: A machine free zone (MFZ) has been ribboned adjacent to all S6B's. RLA0S-1-S6B: The Riparian Management Zone (RMZ) for this stream has NOT been marked in the field as greater than 20% basal area associated with this stream will be retained outside the harvest area. RLA0S-2-S6: The Riparian Management Zone (RMZ) for this stream has been marked in the field. In order to meet the 20% basal area retention target for RLA0S-2-S6B, refer to LeaveTree Characteristics for retention targets. For all S6 streams all non-merchantable trees will be retained. All harvested stems should be felled and yarded or skidded away from the riparian areas. Refer to the attached map for required designated crossings which may be moved for operational feasibility.

NCD's
RLA0S-1-NCD through RLA0S-19-NCD: The NCD's identified on the site plan map are protected with machine free zone (MFZ). Where practicable, fall and skid away from NCD. If it is necessary to skid across an NCD, minimize the number of crossings. Ensure natural drainage is maintained for all NCD. Designated crossings are shown on the attached maps but are not flagged in the field and may be moved as required for operability and safety.

Harvest Plan Map

TSL
TA1349

Business Area
Kamloops

Operating Area
Vuich Creek (ME)

Management Unit
Merritt

Gross Block Area (ha)
40.01

Block ID
RLA0S

UBI
BEA0S

Location
Sutter Creek

FIZ
D

Geographic Center
Latitude
Longitude
49 25 57 -121 01 31

Unit	Area	Season	Method	Strategy
1	8.70	Any Season	Ground	Standard Practice
2	23.04	Any Season	Cable	Standard Practice
RMZ	1.37	Any Season	Cable	Riparian Management Zone
MFZ1	.57	Any Season	Ground	Machine Free Zone
MFZ2	1.40	Any Season	Cable	Machine Free Zone

Harvest Unit ID
1: A
2: B
Harvest Method
Cable
Ground

Non Productive SU
Non-Prod Permanent Access
Non-Prod Unnatural
WTRA

BCTS Cruise Features
Dropped Plot
Count Plot
Measure Plot
PoT / PoC
Photo Tie point
Slope Arrow

BCTS Line Features
Cat Trail
Back Spar Trail
Bladed Skid Trail
Forwarding Trail
Deflection Line
PP Temp Skid Trail
Non-Bladed Skid Trail
Skid Trail
Other Trail
Pipe Line
Seismic Line
Cultural/Heritage
Rec Trail
Fence Line
Cliff
Draw
Embankment
Gully
Ridge
Seepage
Slide
Slope Break
Rest. Side Decking
Stubbed Boundary
Road Permit
Skid/Yarding Direction
Wildlife Trail

BCTS GPS Stations
GPS Station
Block Bdy Hub
Falling Corners
Reference Trees
Growth Yield Plot
Landing Cable
Landing Ground
R/W Landing
Slump/Slide Area
Stub Tree
Tower Settings
Fish Barrier
Reach Breaks
Road Barrier
Rock Outcrops
Gate
Cattle Guard
Pipeline Crossing
Prop Skid Bridge
Prop Skid Crossing
Major Culvert
Minor Culvert
Drain Culvert
Spring
Bridge
Cave/ Den
Rec / Camp Site
Archaeologic Feature
Wildlife Tree
Wildlife Feature
Mountain Beaver

BCTS Layout Points
Area of Concern
Slope Area (>35%)
SAR Cliff
SAR Forested
SAR Rare Ecosystems
Special Mgmt Area
Special Forest Mgmt Area
Biodiversity, Mining and Tourism Areas
Private Land
Conservancy Areas
Protected Areas /Parks
LMZ
Lake/Watercourse
Marsh
Swamp
Deactivated Road
Existing Road
Proposed Road
Unknown/NULL
Cross Ditch
Arch Pipe
Arch Pipe, Proposed
Culvert
Culvert, Proposed
Bridge, Proposed
Bridge, Condemned
Removed Structures

TRIM Features
Forest Inventory Outline
River/Stream-Def
River/Stream-Indef
Contour - Index
Contour - Intermediate
Road Permit
Forest Service Road
Highway/Main/Paved Road
Gravel/Resource Road
Trail
Snow Shed (Railway)
Tunnel
Bridge
Airstrip
Rail Line
OGMA

BCTS Roads - Road State
Deactivated Road
Existing Road
Proposed Road
Unknown/NULL
Cross Ditch
Arch Pipe
Arch Pipe, Proposed
Culvert
Culvert, Proposed
Bridge, Proposed
Bridge, Condemned
Removed Structures

Riparian Features
MFZ / MSZ
RMZ
RRZ

BCTS Streams Class
Unknown
INT,NCD
S1,S2,S3,S4
S5,S6

0 50 100 150 200 250
Meters

1:5,000

Date 2021-02-02 User BOREAD
Template Name HarvestPlanMap_11x17L
Coordinate System NAD 1983 BC Environment Albers