



**BCTS**  
BC Timber Sales  
Kamloops

**SITE PLAN  
KAMLOOPS  
BC TIMBER SALES**

Report Date 2021/02/05

**TENURE IDENTIFICATION**

**ORIGINAL**

| LICENCE # | CP | BLOCK | UBI   | OPENING NUMBER | FDU | LOCATION     | LATITUDE / LONGITUDE |
|-----------|----|-------|-------|----------------|-----|--------------|----------------------|
| TA1349    | -  | RLA0U | BEA0U |                |     | Sutter Creek | 49 26 12 / 121 00 26 |

**AREA UNDER THE PLAN**

| GROSS AREA (TAUP) | PAS | NP  | WTRA / WTP | RESERVES | OTHER | NAR |
|-------------------|-----|-----|------------|----------|-------|-----|
| 4.0               | 0.2 | 0.0 | 0.2        | 0.0      | 0.0   | 3.6 |

**ADDITIONAL COMMENTS**

|                                                                                                                                                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DEFINITIONS (ADD DEFINITIONS AS REQUIRED)                                                                                                                                                                                                                        |
| Block RLA0U is located in the Merritt Timber Supply Area (TSA) and the Tulameen Landscape Unit. Long Term Management Objectives for this block are consistent with the approved BC Timber Sales Forest Stewardship Plan (FSP ID #109 - Commencing July 1, 2018). |
| Standard Unit (SU) 1 is located in a MSdm2 biogeoclimatic zones, subzones, and variants. Based on site attributes (topography, plants, timber), it was determined that the SU is an 01 (100%) site series.                                                       |

**SOIL DISTURBANCE**

| SU | Max. Allowable Soil Disturbance (%)                                                                                                                                                                                                                                                                                                           | Max. Amount TAS May Exceed MASD Prior To Rehab (%) | Max. Allowable Soil Disturbance For Roadside Work Areas (%) | Maximum Permanent Access Structures (%) |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|-------------------------------------------------------------|-----------------------------------------|
| 1  | 10.0                                                                                                                                                                                                                                                                                                                                          | 5.0                                                | 25.0                                                        | 7.0                                     |
| SU | CRITICAL SITE CONDITIONS THAT AFFECT THE TIMING OF OPERATIONS. AND HOW THEY AFFECT THE TIMING                                                                                                                                                                                                                                                 |                                                    |                                                             |                                         |
| 1  | Due to moderate soil compaction throughout this block, ground based operations should occur during non-saturated soil conditions or on frozen or snow covered soils. A portion of this block overlaps Migratory Bird Nest Density Ranking 4 (Moderately High) and has a timing restriction recommendation on operations from Apr 23 to Aug 1. |                                                    |                                                             |                                         |

**RESULTS AND STRATEGIES**

| RESULT OR STRATEGY           | HOW THE STRATEGY OR RESULT APPLIES TO THE SITE or RATIONALE (IF NOT APPLIED)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cultural Heritage            | <p>FSP Sec 5.8 Cultural Heritage Resources (CHR): The objective set by government for cultural heritage resources is to conserve, or, if necessary, protect cultural heritage resources that are the focus of a traditional use by an aboriginal people that is of continuing importance to that people, and not regulated under the Heritage Conservation Act.</p> <p>BCTS has referred this development to all potentially affected First Nations, as was determined through a search of the Consultative Area Database (CAD). All referral communication and management decisions have been documented in a BCTS Due Diligence Report signed off for approval by the Timber Sales Manager (TSM). This Site Plan is consistent with the management decisions and measures approved by the TSM.</p> <p>A "Modify/Stop Work Procedure" has been included in the harvest plan in the event that previously unidentified Cultural Heritage Resources (CHR's) are encountered during industrial activities on the Site.</p> |
| Invasive Plants              | <p>FSP Sec 7.1 Invasive Plants – Measures</p> <p>This block is not located within an invasive plant zone.</p> <p>To prevent the spread of invasive plants, all disturbed from road construction, reconstruction or deactivation as well as construction of or use of borrow pit will be seeded with a forage mixture that meets or exceeds Canada Common Number 1 Forage Mixtures as defined by the Canada Seeds act and Regulation or Native Shrubs. 90% of the seedling will be complete by July of the following calendar year and the remainder is required to be completed by December 31st of the same calendar year.</p> <p>This Block is consistent with Section 7.1 of the FSP.</p>                                                                                                                                                                                                                                                                                                                             |
| Landscape Level Biodiversity | <p>FSP Section 5.5 - Wildlife &amp; Biodiversity - Landscape Level - Block RLA0U(3.6ha NAR) is not located sufficiently close enough to other proposed or existing openings for their net areas to contribute to opening size or for them to be considered adjacent.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

|                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Old Growth Constraints |  | <p>FSP Sec 5.1. Old Growth Order Strategy:</p> <p>The holder of this FSP will not undertake harvesting to which this FSP applies within an Old Forest Polygon, except:</p> <p>(a) to facilitate road maintenance;</p> <p>(b) to eliminate a safety hazard if there is no other practicable option for addressing the hazard;</p> <p>(c) where the harvesting is less than 1.0 hectares, and the harvesting will not result in a material adverse impact on the old forest attributes of the Old Forest Polygon;</p> <p>(d) where:</p> <p>(i) the harvest area exceeds the amount referred to in (c); and</p> <p>(ii) on or before the reporting of harvest completion for the cutblock, the holder of this FSP identifies a replacement forest polygon that:</p> <p>(A) is of equal or greater size to the Old Forest Polygon area to be harvested;</p> <p>(B) is within the same landscape unit (or adjacent to the harvested Old Forest Polygon in an adjacent landscape unit), biogeoclimatic zone, subzone and variant as the Old Forest Polygon to be harvested (unless otherwise agreed to in writing by the Ministry responsible for the Order);</p> <p>(C) contains forest cover that is consistent with one of the following:</p> <p>I. the age of old forest identified in Section 2 of the Order;</p> <p>II. Section 6 of the Order, or</p> <p>III. of equal or greater age class of the Old Forest Polygon to be harvested; and</p> <p>(D) is sent the host (MFLNRORD staff) of the Consolidated OGMA map once per year.</p> <p>The block RLA0U does not overlap any Old Growth Management Areas and is consistent with section 5.1 of the FSP.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Range                  |  | <p>FSP Sec 6.1 Natural Range Barriers – Measures</p> <p>In relation to the objectives set by government to mitigate the effect of removing or rendering ineffective Natural Range Barriers, the FSP Holder will:</p> <p>(a) On an annual basis, where new harvesting or road construction activities are proposed within or adjacent to (within 500m) existing Range Tenure, refer the proposed activities to the potentially affected range agreement holder. The referral will:</p> <p>(i) Specify the location of the proposed harvesting and road construction; and</p> <p>(ii) Request that the range agreement holder identify the location Natural Range Barriers that may be rendered ineffective by the proposed harvesting or road construction; and</p> <p>(b) Prior to harvesting a cutblock or constructing a road:</p> <p>(i) Where the range agreement holder responds within the timelines specified in the referral and identifies a Natural Range Barrier that will be removed or rendered ineffective, develop a NRB Mitigation Strategy, incorporating the information communicated by the range agreement holder to the extent that it is practicable to do so;</p> <p>(ii) Where there is knowledge of a Natural Range Barrier, and where the Range Agreement fails to respond to the referral, advise the MFLNRORD District Range staff and ask for any input they may have;</p> <p>(iii) Where a NRB Mitigation Strategy cannot be agreed to with a range agreement holder, develop a NRB Mitigation Strategy with input from the MFLNRORD District Range Staff;</p> <p>(iv) Communicate the NRB Mitigation Strategy to the range agreement holder;</p> <p>(v) Where new harvesting or road construction is proposed in an area where Range Tenure is not currently assigned, refer the proposal to the MFLNRORD District Range Staff;</p> <p>(c) Where the Ministry responsible for Range responds within the timelines specified in the referral and identifies that a Natural Range Barrier will be removed or rendered ineffective, develop a NRB Mitigation Strategy, incorporating the information communicated by the MFLNRORD District Range Staff; and</p> <p>(d) Conduct activities that are the responsibility of the FSP holder consistent with the NRB Mitigation Strategy.</p> <p>The block RLA0U does not overlap any existing range tenues and is consistent with section 6.1 of the FSP.</p> |

|                          |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|--------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Recreation               |  | <p>FSP Sec 5.9.2 Recreation Sites, Trails, and Interpretive Forest Sites.</p> <p>Strategy:</p> <p>(a) A Holder of this FSP carrying out or authorizing primary forest activities within an area in the FDU that is subject to the Notice will not:</p> <p>(i) authorize or carry out primary forest activities in areas identified as semi primitive in the objective,</p> <p>(ii) authorize or construct a new road within 50m of a feature identified as non-motorized in the objective,</p> <p>(iii) cause to have existing levels of access rendered ineffective where that access is maintained by or on behalf of other users,</p> <p>(iv) authorize or conduct primary forest activities within 10 m (slope distance) of a shore where shoreline and or natural vegetation conservation is identified in the objective for that feature,</p> <p>(v) authorize or conduct activities within 10 meters slope distance of a feature identified for conservation of a shore or shore and natural vegetation,</p> <p>(vi) authorize or conduct machine ground traffic or remove wind firm woody vegetation from within 2.5 m of a site identified for conservation of vegetation,</p> <p>(vii) authorize or conduct or allow motorized use of a trail that prohibits such use, or,</p> <p>(viii) cause to have a trail or site rendered ineffective.</p> <p>(b) Subsection (a) does not apply to the extent</p> <p>(i) necessary to remove trees within 2.5m of a trail or site where those trees pose a forest health or wind throw risk,</p> <p>(ii) necessary to provide trail crossing where no other practicable option exists, or</p> <p>(iii) necessary to provide for the use of a trail to the extent necessary to facilitate harvesting or road construction and use on or contiguous to that trail, unless the Ministry responsible for the site objectives agrees to specific proposed activities, and the specified activities are carried out under the conditions of the agreement.</p> <p>The block overlaps a Recreational site and non-designated trails associated with the recreational site. Designated crossings have been prescribed to cross the recreational trails within the block. The crossings have not been flagged in the field and will be established by the operator as required to access timber. All crossings will be cleaned post harvest to allow foot traffic on the trails.</p> <p>Operators will create stubs on either side of the recreational trails within the MFZ zone established on the trails. Retain a stub every +-10m along both sides of the trail to confirm the trail location post harvest.</p> |
| Riparian Management      |  | <p>FSP Section 5.4 - Water, Fish, Wildlife &amp; Biodiversity Within Riparian Areas - The management strategies for the riparian management zones (RMZ) located within this block are anticipated to conserve at the landscape level, the water quality, wildlife habitat, and biodiversity associated with those riparian areas.</p> <p>S2 (Vuich Creek) is located no closer than 30 meters from the block boundary and greater than 20% of the basal has been maintained.</p> <p>The Riparian Management Area (RMA) for this stream has NOT been marked in the field. Bladed skid trails should be avoided within the RMA. Areas of the RMA that overlaps the harvest area are to be managed per SU1</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Soil Management          |  | <p>FSP Sec 5.2 Soil Management and Conservation Objective (all)</p> <p>The objective set by government for soils, is without unduly reducing the supply of timber from British Columbia's forests, to conserve the productivity and the hydrologic function of soils.</p> <p>As per FPPR Section 35:</p> <p>A maximum of 10% soil disturbance is permitted in the Net Area to be Reforested and a maximum of 25% soil disturbance in the roadside work area.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Stand Level Biodiversity |  | <p>FSP Section 5.6 - Wildlife &amp; Biodiversity - Stand Level - This block is consistent with the biodiversity objectives established for cutblocks proposed for harvesting in the Merrit TSA.</p> <p>A 0.2 ha WTRA equalto 4.7% of the TAUP (4.03ha) has been allocated to an area that is representative of the preharvest stand and is directly adjacent to the block boundary. There are no plans to harvest existing wildlife tree patches or areas (WTP/WTRA). This is consistent with Sections 66 and 67 of the FPPR.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Ungulate Winter Range    |  | <p>FSP Section 5.7.3 - Wildlife Objectives - Ungulate Winter Range - This block is not within an identified planning cell for Mule Deer, Moose, Bighorn Sheep, Elk or Mountain Goat</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Visual Objectives        |  | <p>FSP Sec 5.9 Other Objectives Established or Continued under FRPA:</p> <p>The objective set by the government in relation to visual quality for a scenic area, that</p> <ul style="list-style-type: none"><li>• was established on or before October 24, 2002, and</li><li>• for which there is no visual quality objective</li></ul> <p>is to ensure that the altered forest landscape for the scenic area</p> <ul style="list-style-type: none"><li>• in visual sensitivity class 1 is in either the preservation or retention category,</li><li>• in visual sensitivity class 2 is in either the retention or partial retention category,</li><li>• in visual sensitivity class 3 is in either the partial retention or modification category,</li><li>• in visual sensitivity class 4 is in either the partial retention or modification category, and</li><li>• in visual sensitivity class 5 is in either the modification or maximum modification category.</li></ul> <p>Where the holder of this FSP harvests a cutblock or constructs a road within a Visual Landscape Unit, the resulting visual alteration (including established cutblocks and established roads) when assessed from a significant public viewpoint at completion of harvesting or road construction will be consistent with the applicable category described in FPPR Section 1.1 (Categories of Visually Altered Forest Landscape) base on the Established Visual Quality Objective.</p> <p>A Visual Impact Assessment is not required as Block RLA0U is not located in a Visual Landscape Inventory Polygon with assigned Visual Quality Objectives</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

|                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Watersheds/Hydro Assessments |  | <p>FSP Sec 5.3 Community Watersheds</p> <p>The objective set by government for water being diverted for human consumption through a licensed waterworks in a community watershed is to, without unduly reducing the supply of timber from British Columbia's forests; prevent the cumulative hydrological effects of primary forest activities within the community watershed from resulting in:</p> <p>(a) a material adverse impact on the quantity of water or the timing of the flow of the water from the waterworks; or</p> <p>(b) the water from the waterworks having a material adverse impact on human health that cannot be addressed by water treatment required under</p> <p>i. an enactment; or</p> <p>ii. the license pertaining to the waterworks</p> <p>Section 5.3 does not apply as Block RLA0U is not located in a Community Watershed.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Wildlife/Endangered Species  |  | <p>FSP Section 5.7 - Wildlife Objectives - The approved FSP states the Results and Strategies for the following Species At Risk (SAR): Coastal Tailed Frog, Flammulated Owl, Spotted Bat, Grizzly Bear, "Great Basin" Gopher Snake and Williamson's Sapsucker.</p> <p>Block RLA0U is located within a grizzly bear compartment, however it does not contain moderate or high berry production, or riparian spring range as identified in the Recovery Plan for Grizzly Bear in the North Cascades of BC. Objectives for grizzly bear do not apply to the Merritt TSA, as per the approved FSP.</p> <p>There are no known Wildlife Habitat Areas within or in the vicinity of the block for Coastal Tailed Frog, Interior Screech Owl, or Grizzly Bear, as per the approved WHA Order for each of these SAR. As with "Great Basin" Gopher Snake, Flammulated Owl, and Spotted Bat, no preferred nesting, roosting or foraging sites were identified within, or in the periphery of this block during field engineering or collection of data for this Site Plan.</p> <p>No species at risk were identified in the field for this block. A review of the Conservation Data Center database (<a href="http://www.env.gov.bc.ca/cdc/">http://www.env.gov.bc.ca/cdc/</a>) and the CDC iMap tool indicates that there are four occurrences of species at risk which are adjacent to the proposed blocks. These include yellow listed species Mountain Beaver and Brandegees Lomatium, and blue listed species Two-edged Water-starwort and Montana Larkspur. Harvest is not anticipated to negatively impact any of the species.</p> <p>No Mountain beaver dens have been identified within the harvest area of Block RLA0U, however if encountered during forestry operations, the Timber Sales Manager, will require that the operations cease to the extent necessary to protect the den with Machine Zone Flagging. All skid crossings must be visually inspected for mountain beaver dens prior to construction and moved where operationally feasible.</p> <p>Mountain beaver dens have been identified outside the southern boundary of the block and are shown in approximate locations on the attached map(s) as wildlife occurrence points.</p> <p>White Bark Pine (Pa) is an endangered blue listed species and if encountered during forestry operations are to be retained.</p> |

STOCKING REQUIREMENTS

| SU       | NAR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | STANDARDS ID # | OTHER PERFORMANCE STANDARDS |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------------------------|
| 1        | 3.6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1010320        |                             |
| COMMENTS | <p>The Net Area to be Reforested in Block RLA0U is 3.6ha.</p> <p>SU1 (3.6ha) - 50% Pli, 50% Sx,<br/>Pli (50%) = 800sph = 2,880seedlings<br/>Sx (50%) = 800sph = 2,880 seedlings<br/>Density: 1600 stems/ha<br/>Season: Summer</p> <p>The selected stocking standard is based on the site series for the MS dm 2 biogeoclimatic subzone. Standard Unit (SU1) covers the whole net area to be reforested in the block and is an 01 (100%) Site Series.</p> <p>Concentrate Sx around streams, draws, lower lying, and wet areas.</p> <p>The block should be planted in the summer and monitored thereafter for competing vegetation, in particular around the moisture receiving sites. It is not anticipated that brushing will be required, however, snow press may be an issue. Fill plant as required based on findings from stocking surveys.</p> <p>Seed zones: Class B: All species =TOD. Class A: Lw-Lw1, Cw=SM, Ba=SM, Ax=SM, Sx=SM, Pw=SM, Fdc=SM</p> |                |                             |

ADMINISTRATION

| Amendment number | Date Typed (Yr Mo Dy) | Map Required? |
|------------------|-----------------------|---------------|
| ORIGINAL         | 2021 02 05            | YES           |

| RPF PRINTED NAME                                                                                                                                                                                                         | RPF'S SIGNATURE and SEAL                                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| ROB CLARK                                                                                                                                                                                                                |  |
| DATE SIGNED                                                                                                                                                                                                              |                                                                                    |
| 2021/02/05                                                                                                                                                                                                               |                                                                                    |
| I certify that I have reviewed this document and, while I did not personally supervise the work described, I have determined that this work has been done to standards acceptable of a Registered Professional Forester. |                                                                                    |

Map attached forms an integral part of the site plan.

THE FOLLOWING INFORMATION IS ATTACHED FOR INFORMATION ONLY AND DOES NOT FORM PART OF THE SITE PLAN

SUPPORT DOCUMENT

ORIGINAL

| LICENCE # | CP | BLOCK | UBI   | OPENING NUMBER | FDU | LOCATION     | LATITUDE / LONGITUDE |
|-----------|----|-------|-------|----------------|-----|--------------|----------------------|
| TA1349    | -  | RLA0U | BEA0U |                |     | Sutter Creek | 49 26 12 / 121 00 26 |

ASSESSMENTS

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| VISUAL IMPACT ASSESSMENT INFORMATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| A Visual Impact Assessment is not required as Block RLA0U is not located in a Visual Landscape Inventory Polygon with assigned Visual Quality Objectives.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| PEST INCIDENCE SURVEY INFORMATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Pest Specific Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Cruise data (full volume) indicates that:<br>Lodgepole pine is 33% grey attack.<br><br>Lodgepole pine accounts for 69% of the stand volume                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Forest Health Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| No significant presence of root disease was identified during development activities.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| ARCHAEOLOGICAL IMPACT ASSESSMENT INFORMATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| FSP Sec 5.8 Cultural Heritage Resources (CHR): The objective set by government for cultural heritage resources is to conserve, or, if necessary, protect cultural heritage resources that are the focus of a traditional use by an aboriginal people that is of continuing importance to that people, and not regulated under the Heritage Conservation Act.<br><br>BCTS has referred this development to all potentially affected First Nations, as was determined through a search of the Consultative Area Database (CAD). All referral communication and management decisions have been documented in a BCTS Due Diligence Report signed off for approval by the Timber Sales Manager (TSM). This Site Plan is consistent with the management decisions and measures approved by the TSM.<br><br>A "Modify/Stop Work Procedure" has been included in the harvest plan in the event that previously unidentified Cultural Heritage Resources (CHR's) are encountered during industrial activities on the Site. |
| TERRAIN STABILITY FIELD AND GULLY ASSESSMENTS INFORMATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Terrain Stability Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Shaun Hales, RPF reviewed the eastern edge of the block for signs of instability and no indicators were found. The boundary is expected to be windfirm and no further management strategies are required. Actions to Accommodate: The block is situated above Vuich Creek and contains gentle over steep topography. Maintain existing drainage patterns and avoiding diverting or concentrating drainage.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Gully Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| VEGETATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Competing vegetation is not anticipated to be an issue in Block RLA0U as long as trees are planted as soon as possible after harvest. Fireweed should be monitored at early silviculture surveys.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     |    |           |                    |                                                                                                                                                                                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|-----------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RIPARIAN ASSESSMENTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |     |    |           |                    |                                                                                                                                                                                                                      |
| Management Strategies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     |    |           |                    |                                                                                                                                                                                                                      |
| The management strategies for the riparian management zones (RMZ) located within this block are anticipated to conserve at the landscape level, the water quality, wildlife habitat, and biodiversity associated with those riparian areas.<br><br>S2 (Vuich Creek) is located no closer than 30 meters from the block boundary and greater than 20% of the basal has been maintained.<br><br>The Riparian Management Zone (RMZ) for this stream has NOT been marked in the field. Bladed skid trails should be avoided within the RMA. Areas of the RMA that overlaps the harvest area are to be managed per SU1 |     |    |           |                    |                                                                                                                                                                                                                      |
| Riparian I.D. and Class                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | RMA | SU | WIDTH (m) | BA or SPH Retained | Comments (Indicate if in a Community Watershed)                                                                                                                                                                      |
| S2 (Vuich Creek) S2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | RRZ | 1  | 30.0      |                    | S2 (Vuich Creek) is located no closer than 30 meters from the block boundary and greater than 20% of the basal has been maintained.                                                                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | RMZ | 1  | 20.0      |                    | The Riparian Management Area (RMA) for this stream has NOT been marked in the field. Bladed skid trails should be avoided within the RMA. Areas of the RMA that overlaps the harvest area are to be managed per SU1. |

| SOIL ASSESSMENT                                                                                                          |           |              |           |                               |         |                              |                                               |
|--------------------------------------------------------------------------------------------------------------------------|-----------|--------------|-----------|-------------------------------|---------|------------------------------|-----------------------------------------------|
| HAZARD RATINGS                                                                                                           |           |              |           | SOIL CHARACTERISTICS          |         |                              |                                               |
| SU                                                                                                                       | Soil Comp | Soil Erosion | Soil Disp | Depth To Unfavourable Subsoil |         | Type of Unfavourable Subsoil | Sediment Delivery Risk (Community Watersheds) |
|                                                                                                                          |           |              |           | Min(cm)                       | Max(cm) |                              |                                               |
| 1                                                                                                                        | M         | M            | L         |                               |         | NNTD                         |                                               |
| COMMENTS                                                                                                                 |           |              |           |                               |         |                              |                                               |
| Soils within RLA0U are primarily Sandy loam with a moderate compaction and erosion hazard and a low displacement hazard. |           |              |           |                               |         |                              |                                               |
| Permanant Access Structures (PAS) associated with Block RLA0U include one existing road; Tulameen FSR (8528 01).         |           |              |           |                               |         |                              |                                               |
| Total PAS = 0.22 ha or 5.46% of the Total Area Under the Plan (TAUP = 4.03ha).                                           |           |              |           |                               |         |                              |                                               |
| This does not exceed the 7% allowable PAS as defined in FPPR S.36.                                                       |           |              |           |                               |         |                              |                                               |

RESERVE / RETENTION INFORMATION

| WTRA / WTP (INSIDE OR ATTRIBUTED TO THE BLOCK)                                                    |                     |                                                                                                                                     |      |          |             |     |
|---------------------------------------------------------------------------------------------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------|------|----------|-------------|-----|
| I.D.#                                                                                             | Area                | Description                                                                                                                         |      |          |             |     |
| WTP                                                                                               | 0.2                 | WTRA #1 (0.19 ha) SxBIPlI 633 - has been designated to contribute to biodiversity and exclude steep slopes towards Vuich Creek (S2) |      |          |             |     |
| GROUP WTRA / WTP AND SITE DEG. CALCULATION (to be retained on the first block of the Permit only) |                     |                                                                                                                                     |      |          |             |     |
| Block                                                                                             | Gross Cutblock Area | WTRA / WTP                                                                                                                          | %    | BEC      | Perm Access | %   |
| RLA0S                                                                                             | 40.0                | 4.5                                                                                                                                 | 11.3 | ESSF/mw/ | 1.3         | 3.3 |
| RLA0U                                                                                             | 4.0                 | 0.2                                                                                                                                 | 4.7  | MS/dm/2  | 0.2         | 5.4 |
| RLA0W                                                                                             | 28.3                | 4.6                                                                                                                                 | 16.1 | ESSF/mw/ | 1.1         | 3.9 |
| Total # of Blocks: 3                                                                              | 72.3                | 9.3                                                                                                                                 | 12.8 |          | 2.6         | 3.7 |

SUPPORTING INFORMATION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| HLP/FSP CONSIDERATIONS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Wildlife/Endangered Species Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <p>Grizzly Bear:</p> <p>Block RLA0U is located within a grizzly bear compartment, however it does not contain moderate or high berry production, or riparian spring range as identified in the Recovery Plan for Grizzly Bear in the North Cascades of BC. Objectives for grizzly bear do not apply to the Merritt TSA, as per the approved FSP.</p> <p>Migratory Birds:</p> <p>This block is situated within Nesting Zone A2. As per rankings established in the document 'Guidance for Forest Sector Management of Nesting Migratory Birds in the Interior of British Columbia' (May 16, 2016), This block overlaps primarily Rank 4 (Moderately High) risk polygons. The Migratory Bird Guidance Document Appendix A (Nest Density Matrix V1.3) states that in MS BEC Zone where the stand is Lodgepole Pine leading with an average age of 80-120 years, and has an average between 19.5m and 28.4m, all Ranked polygons in that cutblock can be changed to Rank 4 (Moderately High). This methodology was followed and applied to the harvest area. The following best management practices were applied:</p> <p>BMP PL2-Patch/edge retention designed around "biodiversity anchors"</p> <p>BMP LO2-Riparian Protection</p> <p>The block is consistent with the BCTS Migratory Bird Strategy (2016).</p> <p>If a previously unidentified migratory bird species or its nest is encountered during harvesting, road construction, or a silviculture activity associated with this Site Plan, the Timber Sales Manager (TSM), will require that the operations cease to the extent necessary to protect the affected migratory bird species or nest until alternative BMP's can be implemented to minimize or prevent the risk of incidental take.</p> <p>Small Mammal Strategy:</p> <p>Retain standing stems as potential den trees (Act &gt;90 cm dbh, and/or, At &gt;44cm dbh, and/or, non-merchantable PI &gt;35cm dbh) at a minimum density of 0.1 stems per hectare. Target = 2 suitable trees within the net harvest area. In addition, Coarse Woody Debris (CWD) piles and rest logs to be configured as follows: Piles = &gt;3mx5mx2m high with &gt;30% of pieces &gt;20cm diameter and &gt;3m long. Target = 0.5 CWD piles per ha or 8 piles within the net harvest area. Rest logs either hardwood or hollow logs &gt;20cm diameter and &gt;10m in length and elevated 25-50cm above the ground. Target =10 per hectare.</p> <p>Mountain Beaver:</p> <p>No Mountain beaver dens have been identified within the harvest are of Block RLA0U however if encountered during forestry operations, the Timber Sales Manager, will require that the operations cease to the extent necessary to protect the den with Machine Zone Flagging. All skid crossings must be visually inspected for mountain beaver dens prior to construction and moved where operationally feasible.</p> <p>Mountain beaver dens have been identified outside the southern boundary of the block and are shown in approximate locations on the attached map(s) as wildlife occurrence points.</p> <p>Whitebark Pine:</p> <p>White Bark Pine (Pa) is an endangered blue listed species and if encountered during forestry operations these stems are to be retained.</p> |
| Range Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <p>There is no active Range Tenure in the vicinity of the block.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Fisheries Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <p>S2 (Vuich Creek) is located no closer than 30 meters from the block boundary and greater than 20% of the basal has been maintained. Areas that do overlap the harvest area and will be managed per SU-1</p> <p>Operational activities will be conducted to ensure that natural surface drainage patterns are maintained.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Watersheds/Hydro Assessments Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <p>The block is located in the Tulameen River watershed, which is not listed as a Fisheries Sensitive Waterhed.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Sensitive Areas Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <p>N/A</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Recreation Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <p>RLA0U is within the Sutter Creek (REC 1659) and Vuich Falls (REC5544) recreational site polygons. A small portion (0.06ha) of the block along the Tulameen FSR is within the Sutter Creek recreational site polygon so no further management is required due to the inconsequential overlap. RLA0U is predominantly (3.96ha) within the Vuich Falls (REC5544) site. A Recreation Regulation Section 16 was issued on June 7, 2016 and extended in 2020 to 2024 to conduct industrial operations within the recreational sites.</p> <p>A minimum of three days prior to and during operations, post and maintain "Industrial Activity" notice signage at the entrance of the recreational site and prior to the block on the Tulameen FSR informing public users of the pending/active industrial activity. Due to the close proximity (+-50m) of the camping spots in Vuich Falls recreational site to RLA0U merchantable area, the site should be closed during falling activities.</p> <p>Traffic will be controlled on the Tulameen FSR during industrial activities. Traffic will be stopped on either side of RLA0U and controlled by the harvesting contractor during falling, processing and skidding to ensure the public are able to move safely through the site.</p> <p>As per the cutting permit allowance to fall danger trees within 50m of the cut block, dead trees should be felled in the recreational site to minimize long term safety concerns. The recreational authorization also allows dead and dying trees to be felled along the Vuich Falls recreational site access trail and should be completed during operations with qualified personnel. Felled trees will not block the trails/roads and be left on site as a source of firewood for campers.</p> <p>The main recreation site for REC 5544 is located outside the southern boundary of the block (Refer to SP/HP map). Two recreational trails, the Vuich Falls Lookout Trail and Vuich Creek trail are within the block. Refer to attached maps. +-5m MFZ have been established along the trails. Within the MFZ, trees with tags/nails and additional trees as required, will be stubbed on either side of the trail to maintain the trail locations post-harvest. Designated crossings will be established to access timber as required. Designated crossings shown on the map have not been located in the field and will be established as required to access timber where operability and safety allow. The trails will be cleaned post-harvest to allow foot traffic and the trails will not be planted.</p> <p>Additional leave tree requirements are associated with the block to manage the recreational resource. Refer to Leave Tree Characteristics for more information</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Cultural Heritage Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>BCTS has referred this development to all potentially affected First Nations, as was determined through a search of the Consultative Area Database (CAD). All referral communication and management decisions have been documented in a BCTS Due Diligence Report signed off for approval by the Timber Sales Manager (TSM). This Site Plan is consistent with the management decisions and measures approved by the TSM.</p> <p>A "Modify/Stop Work Procedure" has been included in the harvest plan in the event that previously unidentified Cultural Heritage Resources (CHR's) are encountered during industrial activities on the Site.</p> |
| <p>Biodiversity Emphasis/L.U. Comments</p> <p>The block is located in the Tulameen Landscape unit which has a biodiversity emphasis of Intermediate.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <p>Other Resources Comments</p> <p>There is an active trapping tenure overlapping the block: TR0805T069.</p> <p>There is an active guide tenure overlapping the block:<br/>800755- Colton Wabnegger</p> <p>The block overlaps 2 active mineral claims:<br/>850648 and 503536.</p>                                                                                                                                                                                                                                                                                                                                                                    |
| <p>ADDITIONAL COMMENTS:</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

ADMINISTRATION

|                  |                       |               |
|------------------|-----------------------|---------------|
| Amendment number | Date Typed (Yr Mo Dy) | Map Required? |
| ORIGINAL         | 2021 02 05            | YES           |

HARVEST PLAN

ORIGINAL

| LICENCE # | CP | BLOCK | UBI   | OPENING NUMBER | FDU | LOCATION     | LATITUDE / LONGITUDE |
|-----------|----|-------|-------|----------------|-----|--------------|----------------------|
| TA1349    | -  | RLA0U | BEA0U |                |     | Sutter Creek | 49 26 12 / 121 00 26 |

SILVICULTURE SYSTEMS

| SU                                                         | SYSTEM | VARIANT | PHASE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | RESERVE | Min BA (m2/ha) | Min Residual Density (sph) |
|------------------------------------------------------------|--------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------------|----------------------------|
| 1                                                          | CCRES  |         | REMOV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | G       |                |                            |
| Current Stand Structure/Site Conditions                    |        |         | This plan is consistent with the approved BCTS Merritt TSA Forest Stewardship Plan. Block RLA0U is situated in the MS dm biogeoclimatic zone. The block includes one Standard Unit (SU1) that is comprised of 01 (100%) site series.<br><br>Stand volume consists of Sx 31% and Pli 69%. Net merchantable volume is 375m3/ha. The total damage including insect and blowdown is approximately 22.9%.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         |                |                            |
| Silviculture Systems SU Comments                           |        |         | SU-1: The block will be harvested using a clearcut with reserves silviculture system and ground based harvesting techniques. Slopes greater than 35% exist in the ground based harvest portion of the block. Procedures for ground based harvesting on steeper slopes should be followed.<br><br>Prolonged snow cover throughout late Fall to Spring (Nov - May).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         |                |                            |
| Min. Characteristics of Leave Trees (Form, Health, Vigour) |        |         | Target Leave Trees:<br><br>Reserve Fdi, Pw and 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.<br>No Fd, Pw or Cw was observed on site but may be present at low densities.<br><br>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.<br><br>Reserve Live Pa (100% all diameter classes). No Pa was observed on site but may be present at low densities.<br><br>Create stubs on either side of the recreational trails within the MFZ zone established on the trails. Retain a stub every +-10m along both sides of the trail to confirm the trail location post harvest. Refer to attached maps for trail locations. Other preferred locations are adjacent to retained immature clumps to provide protection during harvesting. Preference should be given to trees with recreational markers and dead or damaged stems of larger diameter. These stubs may provide a source of habitat for cavity nesting species or perches for raptors.<br><br>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.<br><br>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.<br><br>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. |         |                |                            |

### Additional Comments

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Harvesting Constraints</p> | <p>ARCHAEOLOGY &amp; CULTURAL HERITAGE</p> <p>BCTS has referred this development to all potentially affected First Nations, as was determined through a search of the Consultative Area Database (CAD). All referral communication and management decisions have been documented in a BCTS Due Diligence Report signed off for approval by the Timber Sales Manager (TSM). This Site Plan is consistent with the management decisions and measures approved by the TSM.</p> <p>A "Modify/Stop Work Procedure" has been included in the harvest plan in the event that previously unidentified Cultural Heritage Resources (CHR's) are encountered during industrial activities on the Site.</p> <p>RECREATION:</p> <p>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.</p> <p>A minimum of three days prior to and during operations, post and maintain "Industrial Activity" notice signage at the entrance of the recreational site and prior to the block on the Tulameen FSR informing public users of the pending/active industrial activity. Due to the close proximity (+-50m) of the camping spots in Vuich Falls recreational site to RLA0U merchantable area, the site should be closed during falling activities.</p> <p>Traffic will be controlled on the Tulameen FSR during industrial activities. Traffic will be stopped on either side of RLA0U and controlled by the harvesting contractor during falling, processing and skidding to ensure the public are able to move safely through the site.</p> <p>MIGRATORY BIRDS</p> <p>If a previously unidentified migratory bird species or its nest is encountered during harvesting, road construction, or a silviculture activity associated with this Site Plan, the Timber Sales Manager (TSM), will require that the operations cease to the extent necessary to protect the Affected migratory bird species or nest until alternative BMP's can be implemented to minimize or prevent the risk of incidental take.</p> <p>SLOPES</p> <p>Slopes range from 7 to 36% (avg. 16%) and approx. 33% of the block contains slopes &gt;25%. Slopes &gt; 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.</p> <p>MOUNTAIN BEAVER</p> <p>No Mountain beaver dens have been identified within the harvest area of Block RLA0U, however if encountered during forestry operations, the Timber Sales Manager, will require that the operations cease to the extent necessary to protect the den with Machine Zone Flagging. All skid crossings must be visually inspected for mountain beaver dens prior to construction and moved where operationally feasible.</p> <p>Mountain beaver dens have been identified outside the southern boundary of the block and are shown in approximate locations on the attached map(s) as wildlife occurrence points.</p> |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

| SOIL ASSESSMENT        |                                                                                                                                                                                                                                                                                                                                                                                                                                          |              |            |                       |                                                |                                    |                                |                              |          |                             |                                          |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|------------|-----------------------|------------------------------------------------|------------------------------------|--------------------------------|------------------------------|----------|-----------------------------|------------------------------------------|
| SU                     | HAZARD RATINGS                                                                                                                                                                                                                                                                                                                                                                                                                           |              |            | SOIL DISTURBANCE      |                                                |                                    |                                | SOIL CHARACTERISTICS         |          |                             |                                          |
|                        | Soil Comp.                                                                                                                                                                                                                                                                                                                                                                                                                               | Soil Erosion | Soil Disp. | Max Allow Soil Dist % | Max Allow Max Amount TAS may exceed MASD prior | Max Allow Perm Access Structures % | MASD for Roadside work areas % | Depth to Unfavorable Subsoil |          | Type of Unfavorable Subsoil | Sediment Delivery Risk (Comm. Watershed) |
|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                          |              |            |                       |                                                |                                    |                                | Min (cm)                     | Max (cm) |                             |                                          |
| 1                      | M                                                                                                                                                                                                                                                                                                                                                                                                                                        | M            | L          | 10.0                  | 5.0                                            | 7.0                                | 25.0                           |                              |          | None Noted                  |                                          |
| SU                     | Critical site conditions that affect the timing of operations and how they affect the timing                                                                                                                                                                                                                                                                                                                                             |              |            |                       |                                                |                                    |                                |                              |          |                             |                                          |
| 1                      | Due to moderate soil compaction throughout this block, ground based operations should occur during non-saturated soil conditions or on frozen or snow covered soils. A portion of this block overlaps Migratory Bird Nest Density Ranking 4 (Moderately High) and has a timing restriction recommendation on operations from Apr 23 to Aug 1.                                                                                            |              |            |                       |                                                |                                    |                                |                              |          |                             |                                          |
| SU MANAGEMENT COMMENTS |                                                                                                                                                                                                                                                                                                                                                                                                                                          |              |            |                       |                                                |                                    |                                |                              |          |                             |                                          |
| SU                     | SU Description                                                                                                                                                                                                                                                                                                                                                                                                                           |              |            |                       |                                                |                                    |                                |                              |          |                             |                                          |
| 1                      | Standard Unit A represents the whole net area to be reforested in Block RLA0U and occurs in MS dm 2 biogeoclimatic zone, subzone, and variant. The site is 100% O1 site series. The block has well drained Sandy Loam soils. The pre-harvest stand consists of 69% Pli and 31% Sx. Net merchantable volume is 375m3/ha as indicated in the cruise compilation. The approximate total percentage of blowdown and insect damage is 22.93%. |              |            |                       |                                                |                                    |                                |                              |          |                             |                                          |

**SOIL MANAGEMENT COMMENTS**

**Soil Conservation**

Soils within RLA0U are primarily Sandy loam with a moderate compaction and erosion hazard and a low displacement hazard.

Permanant Access Structures (PAS) associated with Block RLA0U include one existing road; Tulameen FSR (8528 01).

Total PAS = 0.22 ha or 5.46% of the Total Area Under the Plan (TAUP = 4.03ha).

This does not exceed the 7% allowable PAS as defined in FPPR S.36.

**Temporary Access**

Designated crossings have been prescribed to cross the recreational trails within the block. The crossings have not been flagged in the field and will be established by the operator as required to access timber. The crossings will be cleaned post harvest to allow foot traffic on the trails.

Dispersed temporary access structures constructed in this block must be rehabilitated. Natural drainage must be maintained on all temporary access structures during use and post-harvest. If rehabilitation is not completed immediately after harvest completion, all temporary access structures are to be deactivated to the appropriate level that will ensure natural drainage is maintained while not creating a condition of instability or sedimentation to riparian features.

**Slope Instability**

Shaun Hales, RPF reviewed the eastern edge of the block for signs of instability and no indicators were found. The boundary is expected to be windfirm and no further management strategies are required. Actions to Accommodate: The block is situated above Vuich Creek and contains gentle over steep topography. Maintain existing drainage patterns and avoiding diverting or concentrating drainage.

| RIPARIAN ASSESSMENTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |     |    |           |                    |                                                                                                                                                                                                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|-----------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Management Strategies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |    |           |                    |                                                                                                                                                                                                                      |
| <p>The management strategies for the riparian management zones (RMZ) located within this block are anticipated to conserve at the landscape level, the water quality, wildlife habitat, and biodiversity associated with those riparian areas.</p> <p>S2 (Vuich Creek) is located no closer than 30 meters from the block boundary and greater than 20% of the basal has been maintained.</p> <p>The Riparian Management Zone (RMZ) for this stream has NOT been marked in the field. Bladed skid trails should be avoided within the RMA. Areas of the RMA that overlaps the harvest area are to be managed per SU1</p> |     |    |           |                    |                                                                                                                                                                                                                      |
| Riparian I.D. and Class                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | RMA | SU | WIDTH (m) | BA or SPH Retained | Comments (Indicate if in a Community Watershed)                                                                                                                                                                      |
| S2 (Vuich Creek) S2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | RRZ | 1  | 30.0      |                    | S2 (Vuich Creek) is located no closer than 30 meters from the block boundary and greater than 20% of the basal has been maintained.                                                                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | RMZ | 1  | 20.0      |                    | The Riparian Management Area (RMA) for this stream has NOT been marked in the field. Bladed skid trails should be avoided within the RMA. Areas of the RMA that overlaps the harvest area are to be managed per SU1. |

| COARSE WOODY DEBRIS MANAGEMENT STRATEGY INFORMATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |       |                   |       |                              |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------------|-------|------------------------------|------|
| <p>Current Coarse Woody Debris levels are estimated as moderate. The coarse woody debris left within the block must be consistent with Section 68 of the FPPR: a minimum of 4 logs per hectare, each being a minimum of 2m in length and 7.5cm in diameter at one end. Effort should be made to evenly distribute CWD across the block and to use a variety of species. Reserve trees within the block will contribute to future CWD. Any reserve tree that is windblown, or felled for safety reasons must be left on site unless there is a likelihood for pest attack or infestation. Logs may consist of a variety of species and shall be evenly distributed across the cutblock.</p> <p>Small Mammal Strategy:</p> <p>Coarse Woody Debris (CWD) piles and rest logs to be configured as follows: Piles = &gt;3mx5mx2m high with &gt;30% of pieces &gt;20cm diameter and &gt;3m long. Target = 0.5 CWD piles per ha or 2 piles within the net harvest area. Rest logs either hardwood or hollow logs &gt;20cm diameter and &gt;10m in length and elevated 25-50cm above the ground. Target =10 per hectare.</p> |       |                   |       |                              |      |
| Performance Std. (%) :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 100.0 | Block Target (%): | 100.0 | Coarse Woody Debris (m3/ha): | 30.0 |

DEFINITIONS

ADMINISTRATION

| Amendment number | Date Typed (Yr Mo Dy) | Map Required? |
|------------------|-----------------------|---------------|
| ORIGINAL         | 2021 02 05            | YES           |

Print off the PAS/TAS table located as an attachment on the Block Details Screen and attach to this prescription.

| RPF PRINTED NAME                                                                                                                                                                                                                | RPF'S SIGNATURE and SEAL                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| ROB CLARK                                                                                                                                                                                                                       |  |
| DATE SIGNED                                                                                                                                                                                                                     |                                                                                      |
| 2021/02/05                                                                                                                                                                                                                      |                                                                                      |
| <p>I certify that I have reviewed this document and, while I did not personally supervise the work described, I have determined that this work has been done to standards acceptable of a Registered Professional Forester.</p> |                                                                                      |

THE FOLLOWING INFORMATION IS ATTACHED FOR INFORMATION ONLY AND DOES NOT FORM PART OF THE SITE PLAN

SILVICULTURE PLAN

ORIGINAL

| LICENCE # | CP | BLOCK | UBI   | OPENING NUMBER | FDU | LOCATION     | LATITUDE / LONGITUDE |
|-----------|----|-------|-------|----------------|-----|--------------|----------------------|
| TA1349    | -  | RLA0U | BEA0U |                |     | Sutter Creek | 49 26 12 / 121 00 26 |

ECOLOGICAL INFORMATION

| SU | Ecology Unit | Area | Zone | Subzone | Variant / Phase | Site Series (series - %) | Elevation Avg (m) | Slope Avg (%) | Aspect | Slope Position | Rooting Depth (cm) | Soil Texture |
|----|--------------|------|------|---------|-----------------|--------------------------|-------------------|---------------|--------|----------------|--------------------|--------------|
| 1  | EA           | 3.62 | MS   | dm      | 2               | 01-100                   | 1,197             | 28            | SE     | Middle Slope   | 50                 | SL           |

| STOCKING REQUIREMENTS                 |              |                   |                      |                     |
|---------------------------------------|--------------|-------------------|----------------------|---------------------|
| ASSESSMENT DATES                      |              |                   |                      |                     |
| Standard Unit                         | Standards ID | Regen Delay (vrs) | Freegrow Early (vrs) | Freegrow Late (vrs) |
| 1                                     | 1010320      | 7                 | 0                    | 20                  |
| Min/Max Elevation Regime: 1178 / 1215 |              |                   |                      |                     |

| SU : 1                      REGENERATION LAYER |                           |             |                    |         |               |                           |           |                         |     |                      |                                    |              |                                   |
|------------------------------------------------|---------------------------|-------------|--------------------|---------|---------------|---------------------------|-----------|-------------------------|-----|----------------------|------------------------------------|--------------|-----------------------------------|
| PREFERRED SPECIES                              |                           |             | ACCEPTABLE SPECIES |         |               | POST SPACING DENSITY(sph) |           |                         |     | MAX CONIFEROUS (sph) |                                    |              |                                   |
| Species                                        |                           | Min Ht. (m) | Footnotes          | Species |               | Min Ht. (m)               | Footnotes | Min                     | 700 | Max                  | 4000                               |              |                                   |
| Fdi                                            | Douglas Fir - Interior    | 0.8         |                    | Lw      | Western Larch | 1.4                       |           | WELL SPACED TREES (sph) |     |                      |                                    |              |                                   |
| Sx                                             | Hybrid Spruce (SE x SW)   | 0.8         |                    | Bl      | Subalpine Fir | 0.8                       |           | Target Pref/Acc         |     | Minimum Pref/Acc     |                                    | Minimum Pref | Min Horizontal Dist. Pref/Acc (m) |
| Pli                                            | Lodgepole Pine - Interior | 1.4         |                    |         |               |                           |           | 1200                    |     | 700                  |                                    | 600          | 2.0                               |
|                                                |                           |             |                    |         |               |                           |           |                         |     |                      | Height Relative to Competition (%) |              |                                   |
|                                                |                           |             |                    |         |               |                           |           |                         |     |                      |                                    |              | 125                               |
|                                                |                           |             |                    |         |               |                           |           |                         |     |                      |                                    |              |                                   |

| OTHER REQUIRED STOCKING INFORMATION                                                                                                                                                                                                                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The Net Area to be Reforested in Block RLA0U is 3.6ha.                                                                                                                                                                                                                                                     |
| SU1 (3.6ha) - 50% Pli, 50% Sx,<br>Pli (50%) = 800sph = 2,880seedlings<br>Sx (50%) = 800sph = 2,880 seedlings<br>Density: 1600 stems/ha<br>Season: Summer                                                                                                                                                   |
| The selected stocking standard is based on the site series for the MS dm 2 biogeoclimatic subzone. Standard Unit (SU1) covers the whole net area to be reforested in the block and is an 01 (100%) Site Series.                                                                                            |
| Concentrate Sx around streams, draws, lower lying, and wet areas.                                                                                                                                                                                                                                          |
| The block should be planted in the summer and monitored thereafter for competing vegetation, in particular around the moisture receiving sites. It is not anticipated that brushing will be required, however, snow press may be an issue. Fill plant as required based on findings from stocking surveys. |
| Seed zones: Class B: All species =TOD. Class A: Lw-Lw1, Cw=SM, Ba=SM, Ax=SM, Sx=SM, Pw=SM, Fdc=SM                                                                                                                                                                                                          |

ACTIVITIES

| SITE PREPARATION                       |                                |            |                           |          |            |             |
|----------------------------------------|--------------------------------|------------|---------------------------|----------|------------|-------------|
| 3.62                                   |                                |            |                           |          |            |             |
| Mechanical(Excavator) 2023/08/15       |                                |            |                           |          |            |             |
| AREA                                   | TECHNIQUE(S) / LIMITING FACTOR |            |                           |          |            |             |
|                                        |                                |            |                           |          |            |             |
| PLANTING                               |                                |            |                           |          |            |             |
| Planting(Container) 2024/06/15 SEASON: |                                |            |                           |          |            |             |
| AREA                                   | PLANTING UNIT                  | UNIT AREA^ | SPECIES                   | COMMENTS | STEMS / HA | TOTAL STEMS |
| 3.6                                    | 1                              | 3.6        | Hybrid Spruce (SE x SW)   |          | 894        | 3240        |
|                                        |                                |            | Lodgepole Pine - Interior |          | 894        | 3240        |
|                                        | LIMITING FACTORS / COMMENTS    |            |                           |          |            |             |
|                                        |                                |            |                           |          |            |             |
|                                        |                                |            |                           |          |            |             |
| SILVICULTURE ACTIVITY COMMENTS         |                                |            |                           |          |            |             |
| ACTIVITY                               |                                |            | COMMENT                   |          |            |             |
|                                        |                                |            |                           |          |            |             |

MANAGEMENT STRATEGY

| COARSE WOODY DEBRIS MANAGEMENT STRATEGY INFORMATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |       |                   |       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------------|-------|
| <p>Current Coarse Woody Debris levels are estimated as moderate. The coarse woody debris left within the block must be consistent with Section 68 of the FPPR: a minimum of 4 logs per hectare, each being a minimum of 2m in length and 7.5cm in diameter at one end. Effort should be made to evenly distribute CWD across the block and to use a variety of species. Reserve trees within the block will contribute to future CWD. Any reserve tree that is windblown, or felled for safety reasons must be left on site unless there is a likelihood for pest attack or infestation. Logs may consist of a variety of species and shall be evenly distributed across the cutblock.</p> <p>Small Mammal Strategy:</p> <p>Coarse Woody Debris (CWD) piles and rest logs to be configured as follows: Piles = &gt;3mx5mx2m high with &gt;30% of pieces &gt;20cm diameter and &gt;3m long. Target = 0.5 CWD piles per ha or 2 piles within the net harvest area. Rest logs either hardwood or hollow logs &gt;20cm diameter and &gt;10m in length and elevated 25-50cm above the ground. Target =10 per hectare.</p> |       |                   |       |
| Performance Std. (%):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 100.0 | Block Target (%): | 100.0 |
| Coarse Woody Debris (m3/ha):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |                   | 30.0  |

ADMINISTRATION

| Amendment number | Date Typed (Yr Mo Dy) | Map Required? |
|------------------|-----------------------|---------------|
| ORIGINAL         | 2021 02 05            | YES           |

| RPF PRINTED NAME                                                                                                                                                                                                                | RPF'S SIGNATURE and SEAL                                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| ROB CLARK                                                                                                                                                                                                                       |  |
| DATE SIGNED                                                                                                                                                                                                                     |                                                                                     |
| 2021/02/05                                                                                                                                                                                                                      |                                                                                     |
| <p>I certify that I have reviewed this document and, while I did not personally supervise the work described, I have determined that this work has been done to standards acceptable of a Registered Professional Forester.</p> |                                                                                     |