SITE PLAN
KOOTENAY
BC TIMBER SALES

Version: Sept. 25, 2018

Report Date 2020/07/27
ORIGINAL

TENURE IDENTIFICATION

LICENCE #	CP	BLOCK	UBI	OPENING NUMBER	FDU	LOCATION	LATITUDE / LONGITUDE
TA0915		2	BF6GP	082F.043	Kootenay Lake	Smallwood	49.29.56/117.27.45

AREA UNDER THE PLAN

GROSS AREA (TAUP)	PAS	NP	WTRA / WTP	RESERVES	OTHER	NAR
30.9	2.1	0.0	3.0	1.3	0.0	24.5

ADDITIONAL COMMENTS

Definitions
This Site Plan is consistent with the results, strategies, objectives, and measures of the British Columbia Timber Sales (BCTS) Kootenay Business Area Forest Stewardship Plan (FSP) #601 2017-2022 (Version: May 1, 2017, Amendment #4), and has been prepared in accordance with FRPA Section 10 and FPPR Section 34(1). Refer to 20190122_referral for referral and planning information related to this cutblock. This Site Plan covers TSL TA0915 Block 2 (SMA-018) including roads: N/A All references to "this cutblock" within this Site Plan are inclusive of the aforementioned roads. The Support Document provides additional details related to how the results, strategies and measures in the Site Plan are met. Further supporting documentation is referenced at the end of the Support Document, in Section 4(g) (Definitions).

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	5	25	7
SU	CRITICAL SITE CONDITIONS THAT AFFECT THE TIMING OF OPERATIONS, AND HOW THEY AFFECT THE TIMING			
1	ICHdw1 – 104/65 103/30 101/5: This SU will be harvested by ground-based and cable harvesting methods with mechanical and hand-felling, resulting in a fire management partial cut silviculture system, utilizing approved fire management / wildland urban interface stocking standards. This SU is located on a south/southwest aspect with slopes generally ranging from 15-75%, averaging 35%. Elevation range is 1020-1300 m. The leading species in this SU are Fd and Lw, with minor components of Cw and Bg. Soil texture is Sandy Loam (SL) throughout (0-48+cm). Coarse fragment content is approximately 30%-65% and the coarse fragments are estimated to consist primarily of cobbles and stones. Moisture regime is submesic (3) and nutrient regime is medium (C). This SU does not have sensitive soils. Site Series "General Description" from LMH70: SMR 3 (2). 104 sites occur across a range of submesic sites in the ICHdw1. They typically occur on moderate to moderately steep mid slopes of warm aspects, but due to compensating factors, they also occur on upper, shedding slopes of cool to neutral aspects with very coarse soils. Sites are typically derived from morainal or glaciofluvial materials. Soils are usually Dystric or Eutric Brunisols with moderate to moderately high coarse fragment content and sandy loam textures, which often become coarser at depth. Tree species diversity is typically high, with abundant Fd mixed with Lw, Pl, and Cw. The shrub layer is also diverse, with high cover of falsebox and Douglas maple, and minor amounts of saskatoon, birch-leaved spirea, and/or Oregon-grape. Soopolallie, thimbleberry (Rubus parviflorus), and black huckleberry may be present. Pinegrass is sparse to absent, and twinflower, prince's pine, and queen's cup are common and often abundant. The moss layer is variable, with sparse cover of red-stemmed feathermoss and/or pipecleaner and heron's-bill mosses. Site Series "Management Issues" from LMH70: This site series is amenable to the growth of a wide variety of species, and species diversity should be fostered. Warm-aspect sites can provide important ungulate winter range due to lower snow depth and high forage availability. Soil erosion can be a concern on steep slopes. Brush competition from shrubs and bracken fern (Pteridium aquilinum) can cause regeneration problems. Invasive plant species can be a significant concern.			

FSP RESULTS AND STRATEGIES

RESULT OR STRATEGY SECTION	APPLIES? YES	APPLIES? NO	HOW THE STRATEGY OR RESULT APPLIES TO THE SITE or RATIONALE (IF NOT APPLIED)
4.5.1 Collaboration within Shared Management Units	☒	☐	STRATEGY 1 The TSM has offered to provide planning information, exchange information, collaborate and coordinate with each licence or agreement holder in relation to the following values, where

			applicable, to ensure that the objectives set by government for the area will be achieved: i. Old and Mature Forest ii. Connectivity Corridors iii. Landscape Level Patch Size Distribution iv. Ungulate Winter Range v. Fish Habitat in Fisheries Sensitive Watersheds vi. Water in Community Watersheds REFER TO THE FOLLOWING FOR ADDITIONAL INFORMATION: Other Documents / Assessments / Resources (as applicable): - Collaboration Assessment
5.1. Soils	☒	☐	5.1. SOILS Legal References: FPPR Sec. 5, Sec. 12.1 (5), Sec. 35 and Sec. 36 RESULT OR STRATEGY 1 This cutblock is consistent with FPPR Sections 35 and 36. This Site Plan serves as notification by the TSM to the timber sale licence holder and/or road permit holder that the above sections of the FPPR apply to the holder during the term of the plan. These Sections shall be reviewed prior to undertaking timber harvesting or road construction activities associated with this cutblock. STRATEGY 2 Bladed and excavated trails are not prohibited within SUs. The circumstances for prohibiting bladed and excavated trail construction (Strategy 2a & 2b) were not identified by qualified professionals during the planning stages for forest development activities. STRATEGY 3 There is no planned construction of bladed and excavated backspar or forwarding trails within SUs where slopes exceed 60%. There are no applicable requirements under this Strategy. Should contractors or agreement holders determine during timber harvesting activities that it is necessary to construct a bladed or excavated trail on slopes greater than 60%, then a review by a qualified professional is required, to assess risks in relation to soil conservation and FRPA values. STRATEGY 4 Prior to the TSM constructing a road or entering into an agreement that authorizes timber harvesting or road construction, the results of any determination, Site Review or Terrain Stability Assessment, and the corresponding decisions made, related to strategies #2 & #3 have been documented within this Site Plan and Support Document. SUPPLEMENTARY TERRAIN STABILITY INFORMATION A Terrain Stability Assessment was completed for this cutblock. REFER TO THE FOLLOWING FOR ADDITIONAL INFORMATION: Support Document Sections: - 1(e) Terrain Stability /Site Review / Avalanche Assessment - 1(g) Soil Assessment - 3(a) Permanent Access Structures - 3(b) Temporary Access Structures Other Documents / Assessments / Resources (as applicable): - BCTS Terrain Stability Assessment Decision and Documentation Tool - Terrain Stability Assessment / Site Review - Site Plan SU Descriptions - Harvest Plan
5.2.2 Enhanced Resource Development Zones - Timber	☒	☐	5.2.2 ENHANCED RESOURCE DEVELOPMENT ZONES - TIMBER Legal References: KBHLPO Objective 7, FPPR Sections 12(4) to 12(6) Relates to: KBHLPO Objective 4, FSP Sec. 5.3.1.3 and Sec. 5.3.1.6 RESULT 1 This cutblock is not located within an ERDZ-T identified on Map 7.1 of the KBHLPO. As per the 2017-2022 BCTS Kootenay Business Area FSP, there is no difference between Green-Up requirements within and outside of ERDZ-Ts. This cutblock is consistent with the practice requirements in Section 65 of the FPPR except that the height requirement in Section 65(3)(a) and Section 65(3)(b)(ii) is reduced from 3 meters to 2.5 meters. REFER TO THE FOLLOWING FOR ADDITIONAL INFORMATION: Site Plan Results & Strategies Sections: - 5.3.1.3 Green-up - 5.3.1.6 Wildlife and Biodiversity-Landscape Level Support Document Sections: - 1(m) Green-up Assessment Other Documents / Assessments / Resources (as applicable):

5.3.1.2 Old and Mature Forest	☒	☐	5.3.1.2 OLD AND MATURE FOREST Legal References: KBHLPO Objective 2 KBHLPO OBJECTIVE 2: KBHLPO Objective 2(1) old seral forest requirements are met through spatially identified OGMAs for this LU/BEC combination. STRATEGY 1 This cutblock does not overlap a spatially identified OGMA. There are no requirements under this Strategy that are applicable to this cutblock. STRATEGY 2 The requirements for old seral forest are met through spatially identified OGMAs for this LU/ BEC combination. There is a mature seral management requirement identified under Objective 2(2) of the KBHLPO for part of this LU/BEC combination. This cutblock is consistent with Objective 2 of the KBHLPO (Old and Mature Forest). REFER TO THE FOLLOWING FOR ADDITIONAL INFORMATION: Site Plan Results and Strategies Sections: - 5.3.1. Biodiversity Emphasis Support Document Sections: - 1(0) Ecological and Biodiversity Information
5.3.1.3 Green-up	☒	☐	5.3.1.3 GREEN-UP Legal References: KBHLPO Objective 4, FPPR Sections 12(4) to 12(6) Relates to: KBHLPO Objective 7, FSP Sec. 5.2.2 and Sec. 5.3.1.6 RESULT 1 The proposed cutblock is consistent with the practice requirements in Section 65 of the FPPR except that the height requirement in Section 65(3)(a) and Section 65(3)(b)(ii) is reduced from 3 meters to 2.5 meters. REFER TO THE FOLLOWING FOR ADDITIONAL INFORMATION: Site Plan Results & Strategies Sections: - 5.2.2 Enhanced Resource Development Zones - Timber - 5.3.1.6 Wildlife and Biodiversity-Landscape Level Support Document Sections: - 1(m) Green-up Assessment Other Documents / Assessments / Resources (as applicable): - Green-up Assessment
5.3.1.5 Water, Fish, Wildlife and Biodiversity within Riparian Areas	☒	☐	5.3.1.5. WATER, FISH, WILDLIFE AND BIODIVERSITY WITHIN RIPARIAN AREAS Legal References: FPPR Sec. 8, Sec. 12.1(6) and Sec. 12(3) Relates to: FSP Sec. 5.3.1.7 RESULT AND STRATEGY 1 This cutblock is consistent with FPPR Sections 47 to 51, 52(2), and 53. This Site Plan serves as notification by the TSM to the TSL holder that the above sections of the FPPR apply to the holder's primary forest activities carried out during the term of the plan. STRATEGY 2a There is a classified riparian feature with a Riparian Management Zone (as defined in FPPR Sections 47 to 49) located adjacent to this cutblock. A QRP conducted and documented an assessment of the Riparian Management Zones (RMZs) of all streams and/or wetlands and/or lakes, located within or adjacent to this cutblock, established site-specific tree retention specifications, and made recommendations to prevent/mitigate unavoidable adverse impacts to the RRZ, if present, and to stream channels. The assessment included all of the factors specified under FSP Section 5.3.1.5 Strategy 2a, as applicable. RESULT 2b All RMZs are located adjacent to and do not overlap this cutblock. There are no requirements under this Strategy that are applicable to this cutblock. STRATEGY 2c To monitor the effectiveness of prescribed tree retention levels within RMZs and provide information to prescribing QRPs, the TSM will, twice within the term of the FSP, conduct and prepare a summary of the results from assessments of forest development impacts to stream function, related to the level of tree retention within RMZs, from a sample of S4, S5 and S6 streams where adjacent timber harvesting has been completed for at least two years. Compliance with this Strategy cannot be demonstrated at the Site Plan Level. The TSM is responsible for ensuring compliance with this Strategy and the maintenance of records to this effect. STRATEGY 2d All RMZs are located adjacent to and do not overlap this cutblock. There are no requirements

			under this Strategy that are applicable to this cutblock. STRATEGY 2e (Verbatim from FSP) In conducting timber harvesting, the direction of falling and yarding/skidding will be away from streams, wetlands and lakes, or parallel to streams, unless a safety hazard dictates otherwise or it is not practicable. For streams, where falling and yarding away is not practicable, directional bridging will be utilized prior to cross-stream yarding and introduced slash and debris will be removed from the wetted perimeter of the stream concurrent with harvesting. STRATEGY 2f: To maintain stream bank and stream channel integrity on all streams that do not have a riparian reserve zone a minimum 5 meter machine-free zone has been established along both sides of streams within harvest areas where ground-based equipment will operate, apart from designated / stream crossing trails. STRATEGY 2g (Verbatim from FSP) As a strategy that applies to the TSM and each holder of an agreement under Section 12(2) of the Forest Act entered into by the TSM, primary forest activities will minimize new coarse woody debris and sediment inputs into streams to the extent practicable. REFER TO THE FOLLOWING FOR ADDITIONAL INFORMATION: Site Plan Results & Strategies Sections: - 5.3.1.7 Wildlife and Biodiversity - Stand Level Support Document Sections: - 1(f) Riparian Assessment - 2(b) Dispersed WTRA Calculations - 2(c) Block and TSL Level WTRA Calculations Other Documents / Assessments / Resources (as applicable): - Riparian Assessment - WTRA Cards - Harvest Plan
5.3.1.6 Wildlife and Biodiversity - Landscape Level	☒	☐	5.3.1.6 WILDLIFE AND BIODIVERSITY - LANDSCAPE LEVEL (Green-Up & Maximum Cutblock Size) Legal References: FPPR Sec. 9, Sec. 12.1(7), Sec. 12(4) to 12(6) Relates to: FSP Sec. 5.2.2, Sec. 5.3.1.2 and Sec. 5.3.1.3, KBHLPO Objectives 4 and 7 RESULT OR STRATEGY 1 This cutblock is consistent with Sections 64 and 65 of the FPPR except that the height requirement in Section 65(3)(a) and Section 65(3)(b)(ii) is reduced from 3 meters to 2.5 meters. This Site Plan serves as notification by the TSM to the holder of this timber sale license or road permit to which this plan relates that the above sections of the FPPR apply to the holder's primary forest activities carried out during the term of this plan. REFER TO THE FOLLOWING FOR ADDITIONAL INFORMATION: Site Plan Results & Strategies Sections: - 5.2.2 Enhanced Resource Development Zones - Timber - 5.3.1.3 Green-up Support Document Sections: - 1(m) Green-up Assessment Other Documents / Assessments / Resources (as applicable): - Green-up Assessment
5.3.1.7 Wildlife and Biodiversity - Stand Level	☒	☐	5.3.1.7 WILDLIFE AND BIODIVERSITY - STAND LEVEL Legal References: FPPR Sec. 9.1, Sec. 12.5 (3), Sec. 12.5 (4), Sec. 66 and Sec. 67 STRATEGY 1 Prior to the TSM entering into an agreement that authorizes timber harvesting, the undersigned QRP has established Wildlife Tree Retention Areas (WTRAs), considering the "Attributes of High-Value Wildlife Tree Retention Strategies" in Appendix 3. The QRP has identified and mapped the WTRA areas on the Site Plan Map, as well as documented the attributes identified, in the Support Document. RESULT 2 At the completion of harvesting of this TSL by an agreement holder, an area equivalent to a minimum of 7% of total cutblock area will be retained in WTRAs, and the following additional strategies are specified: a. the minimum area in WTRA(s) will be calculated at the TSL level; b. a WTRA may relate to one or more cutblocks of the TSL; c. areas of individual trees and clumps or patches (disbursed retention) which are less than 0.25 ha in size can be used to contribute to the required WTRA percentage on the basis of the total basal area of the trees retained divided by the average basal area of the associated forest type; d. some area, individual trees, clump(s) or patch(es) will be retained in every cutblock to contribute towards the WTRA requirement and the minimum area retained in any individual cutblock will be 3.5% of the total cutblock area; and e. subject to Strategy 3 below, WTRAs will be retained at least until trees in the net area

			to be reforested (NAR) have developed attributes that are consistent with a mature seral condition. RESULT 3 No timber within a WTRA or WTP is planned to be harvested under this Site Plan. However, timber within a WTRA or WTP may be harvested for one or more of the reasons specified in Section 5.3.1.7 Result 3 of the FSP and subject to Section 5.3.1.7 Strategy 4. Where necessary to address immediate safety hazards (b), contract and agreement holders may harvest within a WTRA or WTP. Information regarding such actions should be documented and reported to BCTS. It is recommended that any other potential harvesting within a WTRA or WTP be discussed with BCTS prior to undertaking operations, as per TSL requirements. STRATEGY 4 No timber within a WTRA or WTP is planned to be harvested under this Site Plan. There are currently no applicable requirements under this Strategy. If timber within a WTRA or WTP is harvested under Result 3, the contractor or agreement holder should document and report this harvest to BCTS such that a QRP can evaluate consistency with Strategy 4. REFER TO THE FOLLOWING FOR ADDITIONAL INFORMATION: Site Plan Results & Strategies Sections: - 5.3.1.5 Water, Fish, Wildlife and Biodiversity within Riparian Areas Support Document Sections: - 2. Reserve/Retention Information Other Documents / Assessments / Resources (as applicable): - Harvest Plan - Schedule B
5.3.2.1 Grizzly Bear Habitat and Connectivity Corridors	☐	☒	5.3.2.1 GRIZZLY BEAR HABITAT AND CONNECTIVITY CORRIDORS Legal References: KBHLPO Objective 5 Relates to: FSP Sec. 5.3.2.4 and Sec. 5.3.1.2 STRATEGY 1 This cutblock is consistent with Objective 5 of the KBHLPO (Grizzly Bear Habitat and Connectivity Corridors). RESULT OR STRATEGY 2 As grizzly bear habitat mapping has not been made available under the KBHLPO, the TSM has adopted as a result or strategy for the grizzly bear habitat portion of Objective 5 the general wildlife measures of the GAR Orders for grizzly bear (FSP Section 5.3.2.4) applicable to the FDUs in this FSP. Refer to FSP Section 5.3.2.4 for applicability of, and consistency with, the GAR Orders for grizzly bear. STRATEGY 3 This cutblock is not located within a connectivity corridor set out under Section 5(3) of Objective 5 of the KBHLPO. Refer to FSP Section 5.3.1.2 Strategy 2 for consistency regarding old and mature forests within connectivity corridors. REFER TO THE FOLLOWING FOR ADDITIONAL INFORMATION: Site Plan Results & Strategies Sections: - 5.3.1.2 Old and Mature Forest - 5.3.2.4 Species at Risk, Regionally Important Wildlife, Ungulate Winter Range, and Wildlife Habitat Areas. Support Document Sections: - 1(j) Wildlife Assessment - 1(o) Ecological & Biodiversity Information
5.3.2.4 Species at Risk, Regionally Important Wildlife, Ungulate Winter Range and Wildlife Habitat Areas	☒	☐	5.3.2.4 SPECIES AT RISK, REGIONALLY IMPORTANT WILDLIFE, UNGULATE WINTER RANGE AND WILDLIFE HABITAT AREAS Legal References: KBHLPO FPPR Sec. 7 and GAR Sec. 9 to Sec. 13 RESULT 1 There are FPPR Section 7(2) Notices, and/or Orders under the GAR Sections 9 to 13, which relate to timber harvesting and road construction associated with this cutblock. The proposed cutblock is consistent with these Notices and/or Orders. STRATEGY 2 With regard to SAR (including FPPR Section 7(2) species), UWRs, and WHAs, the TSM adhered to the additional strategies specified under Strategy 2. STRATEGY 2a At the planning stage for timber harvesting and road construction: i. an overview assessment was completed by a QRP which identifies, and summarizes in a document, the Notices related to SAR and the Orders related to UWRs and WHAs that are relevant to the proposed forest development; and ii. site plans and/or support documents were prepared by a QRP for this cutblock that describe how timber harvesting and road construction will be consistent with the

			requirements of the Notices and Orders identified above; STRATEGY 2b SAR awareness training is conducted for new BCTS field staff within 1 year of the start or employment and for all field staff every five year, documented in a training record, and includes information regarding species identification, management strategies and report and, where new information regarding SAR becomes available, filed staff receive awareness training regarding the new information within 1 year. Compliance with this Strategy cannot be demonstrated at the Site Plan Level. The TSM is responsible for ensuring compliance with this Strategy and the maintenance of records to this effect. STRATEGY 2c The TSM has and shall continue to ensure that all contractors and agreement holders who conduct activities in the field have, or shall be provided with an information package regarding the identification and notification requirements for Species at Risk (SAR) and, through pre-work meetings, this site plans and/or support documents, these persons were, or will be advised of: i. the results of any stand level assessment for SAR; ii. the measures or requirements for any applicable SAR, UWRs and WHAs; and iii. how planned primary forest activities will be consistent with the above requirements; STRATEGY 2d There were no SAR identified in planned forest development activities associated with this cutblock. There are no requirements under this Strategy that are applicable to planned forest development activities associated with this cutblock. Nevertheless, if a SAR is identified in relation to active forest development activities associated with this cutblock, the TSM will follow existing management strategies and measures and undertake at least one of the following options: i. include the area in a WTRA, RRZ, or other reserve area; and/or ii. refer the area to a QRP for a professional assessment and implement the resulting recommendations; STRATEGY 2e Access control is not necessary, in the opinion of the undersigned QRP, to manage, protect and/or conserve wildlife habitat values associated with this cutblock. There are no requirements under this Strategy that are applicable to this cutblock. REFER TO THE FOLLOWING FOR ADDITIONAL INFORMATION: Support Document Sections: - 1(j) Wildlife Assessment - 1(l) Migratory Birds Other Documents / Assessments / Resources (as applicable): - Operational Plan / Landscape Level Assessment
5.3.3 Fish Habitat in Fisheries Sensitive Watersheds	☐	☒	5.3.3 FISH HABITAT IN FISHERIES SENSITIVE WATERSHEDS Legal References: FPPR Sec. 8.1 and GAR Sec. 14(1) and Sec. 14(2) RESULT 1 & STRATEGY 2: There are no fisheries sensitive watersheds currently designated within the Kootenay Lake FDU. There are no requirements under this Result and Strategy that are applicable to this cutblock.
5.4.1 Water in Community Watersheds	☒	☐	5.4.1 WATER IN COMMUNITY WATERSHEDS Legal References: FPPR Sec. 8.2, Sec. 59 to Sec. 63, Sec. 84 RESULT OR STRATEGY 1 The TSM has adopted, as a result or strategy, Sections 59 to 63 of the FPPR. This cutblock is consistent with these Sections of FPPR as detailed in the Support Document. STRATEGIES 2, 3, & 4 This cutblock is not located within a “community watershed” defined in FPPR Section 8.2. There are no requirements under these Strategies that are applicable to this cutblock. REFER TO THE FOLLOWING FOR ADDITIONAL INFORMATION: Site Plan Results & Strategies Sections: - 5.4.2 Consumptive Use Streams Support Document Sections: - 1(f) Riparian Assessment - 1 (i) Watershed / Hydrological Assessment Other Documents / Assessments / Resources (as applicable): - Riparian Assessment - Hydrological Assessment
5.4.2 Consumptive Use Streams	☒	☐	5.4.2 CONSUMPTIVE USE STREAMS Legal References: KBHLPO Objective 6 and FPPR Sec. 59 & Sec. 60(1)

			Relates to: FSP Sec. 5.3.1.5 RESULT OR STRATEGY 1 There is one or more consumptive use streams, as set out in Objective 6 of the KBHLPO, associated with this cutblock. For all applicable sections of such streams, as determined by Objective 6 of the KBHLPO, a streamside management zone has been applied. The streamside management zone extends from the edge of the stream channel bank or the outer edge of the active floodplain, to a minimum distance of 30 meters on each side of the stream, or to the top of the inner gorge, whichever is greater; and specific measures to safeguard water licensed for human consumption have been described for activities in the stream side management zone. STRATEGY 1a A referral letter was provided to licensed domestic water users, or their designated group representative, which included a description of the planned activities and provided a reasonable opportunity for review and comment (as defined in FSP Section 2.2). STRATEGY 1b The specific measures applied to the streamside management zone have been prescribed by a QRP to safeguard water licensed for human consumption. Timber harvesting in the streamside management zone has also been planned and designed in accordance with FSP section 5.3.1.5. STRATEGY 2 (verbatim from FSP) As a strategy that applies to the TSM and each agreement holder under this FSP, exposed soils on cut and fill slopes along new roads will be grass seeded and exposed soils on new landings and rehabilitated areas will be grass seeded and/or planted with trees. Exposed soils are to be grass seeded concurrent with, or during the first spring or fall after the completion of, road construction or rehabilitation activities and no later than 12 months following mineral soil exposure. Grass seeding will utilize high quality seed (a mix recommended by a MFLNRO range specialist, if available; otherwise Canada Common #1 Forage mix or better grade) to ensure that the introduction of invasive plant seed is minimized. RESULT OR STRATEGY 3 Sections 59 and 60(1) of the FPPR are a result or strategy that applies to the TSM and each agreement holder under this FSP. Refer to FSP Section 5.4.1 Result or Strategy 1. REFER TO THE FOLLOWING FOR ADDITIONAL INFORMATION: Site Plan Results & Strategies Sections: - 5.4.1 Water in Community Watersheds Support Document Sections: - 1(f) Riparian Assessment - 1(i) Watershed / Hydrological Assessment Other Documents / Assessments / Resources (as applicable): - Riparian Assessment - Hydrological Assessment - Operational Plan / Landscape Level Assessment
5.5. Visual Quality - Scenic Areas and Visual Quality Objectives	☒	☐	5.5. VISUAL QUALITY - SCENIC AREAS AND VISUAL QUALITY OBJECTIVES Legal References: FPPR Sec. 9.2, KBHLPO Objective 9, GAR Sec. 7(1) and Sec. 7(2) RESULT 1 and STATEGIES 2, 3 & 4 RESULT 1 This cutblock overlaps an area with established Visual Quality Objectives. The completed road construction and/or timber harvesting associated with this cutblock will achieve the VQOs established for the area. STRATEGY 2 At the planning stage for road construction and timber harvesting, a Visual Impact Assessment was completed for the proposed development which assessed whether the proposed activities will achieve established VQOs, using the categories of visually altered forest landscape as defined in FPPR Section 1.1, by: a. assessing the proposed visual alteration from one or more significant public viewpoints, located on water or land, that provides a viewing opportunity and has relevance to the landscape being assessed; and b. utilizing the guidance for predicting VQOs in: ii. the Protocol for Visual Quality Effectiveness Evaluation Procedures and Standards, FREP, 2008; and estimating the likely resulting VQO using the descriptive categories of visually altered forest landscape as defined in FPPR Section 1.1. STRATEGY 3 The completed road construction and/or timber harvesting associated with this cutblock will achieve the VQOs established for the area. There are no requirements under this Strategy that are applicable to this cutblock.

			RESULT 4 This cutblock is not located within the Rocky Mountain FDU. There are no requirements under this Result that are applicable to this cutblock. REFER TO THE FOLLOWING FOR ADDITIONAL INFORMATION: Support Document Sections: - 1(a) Visual Impact Assessment Other Documents / Assessments / Resources (as applicable): - Visual Impact Assessment
5.6. Cultural Heritage Resources	☒	-	5.6. CULTURAL HERITAGE RESOURCES Legal References: FPPR Sec. 10 STRATEGY 1 This cutblock is located within the asserted traditional territories of the First Nations listed within the Support Document. (List compiled at the time of Site Plan preparation). Information was provided to First Nations (either directly to individual bands or through councils/alliances and as determined by the TSM), prior to the TSM constructing a road or entering into an agreement authorizing timber harvesting or road construction associated with this cutblock. Written requests to share information were sent to First Nations. This request provided an opportunity of at least 30 days, unless otherwise agreed to, for review and comment on the Operational Plan, and specifically included: a. a description and a map of the forest development activities planned; b. a request for comments and information on the type, location, and extent of any traditional use that is of continuing importance to the First Nation; and c. an offer to meet with the First Nation. STRATEGIES 1, 2, 3, & 4 BCTS has committed to the TSM (or designate) issuing a First Nations Consultation Sign-Off (Sign-Off) before the TSM constructs a road or enters into an agreement that authorizes timber harvesting or road construction within the asserted traditional territory of a First Nation. This Sign-Off will address how the referral process undertaken meets the applicable requirements of the following Strategies as described in the FSP: to share information (Strategy 1); to hold meetings (Strategy 2); to receive comments and complete evaluations (Strategy 3); and to provide feedback and consider/implement recommendations (Strategy 4). BCTS will file the completed Sign-Off with this Site Plan to demonstrate consistency with these Strategies. BCTS will amend this Site Plan and/or Support Document as necessary to document rationales, incorporate feedback, and make changes to this cutblock to reflect BCTS' approach to managing First Nations consultation. Compliance with this Strategy cannot be demonstrated at the Site Plan level. The TSM is responsible for ensuring compliance with this Strategy and the maintenance of records to this effect. STRATEGY 5 (Verbatim from FSP) Where traditional use information is made available, the TSM will hold any information received in confidence. It is only with the express written consent or direction of the holder of the traditional use information that the TSM will release any information to any other party (including other First Nation groups or government agencies). STRATEGY 6 (Verbatim from FSP) If the TSM becomes aware of a First Nations artifact in the location of a licence or permit entered into or road construction authorized by the TSM, the TSM will modify or cease operations to the extent necessary to protect the resource, and undertake the following steps: a. record the location of the artifact; b. evaluate the direct impact of the activities on the artifact; c. if the above evaluation determines it necessary, alter the design and/or prescription of the licence, permit or road to conserve, mitigate or protect the artifact; and d. communicate the outcome of the evaluation to the First Nation whose artifact may be affected and offer to meet with the First Nation. REFER TO THE FOLLOWING FOR ADDITIONAL INFORMATION: Support Document Sections: - 1(c) Cultural Heritage Resources - 1(d) Archaeological Overview / Impact Assessment Other Documents / Assessments / Resources (as applicable): - Operational Plan / Landscape Level Assessment - First Nations Consultation Sign-offs
5.7. Recreation Resources	☒	☐	5.7. RECREATION RESOURCES (needs review) Legal References: FRPA Sec. 56, Sec. 180 and Sec. 181, FPPR Sec. 70(1), FRR Sec. 16 RESULT 1 and STRATEGIES 2 to 7 Timber harvesting and/or road construction associated with this cutblock will affect an

			interpretive forest site, a recreation site, a recreation trail or the Dewdney Trail, as identified on the FDU maps of this FSP. RESULT 1 This recreation site does not have any legally established objectives. There are no requirements under this Result that are applicable to this cutblock. STRATEGY 2 Timber harvesting and road construction activities are proceeding with the authorization of a Recreation Officer. STRATEGY 3 An agreement or tenure exists with respect to the established recreation site. At the planning and design stage for timber harvesting and road construction or deactivation, the TSM provided a referral to the agreement holder, describing the planned activities and allowing a reasonable opportunity for review and comment. STRATEGY 4 & 5 This recreation site does not have any legally established objectives. There are no requirements under this Strategy that are applicable to this cutblock. STRATEGY 6 This cutblock is not located within 100 meters of the centerline of Dewdney Trail sections designated as archaeological sites. There are no requirements under this Strategy that are applicable to this cutblock. STRATEGY 7 The following measures are a requirement for contractors and agreement holders: a. Erect temporary signage to inform users of the activities. b. Activities will take place during periods of low recreational use, where practicable, as determined through consultation with a Recreation Officer. c, d & e: There are no trails associated with this cutblock. There are no requirements under these Strategies that are applicable to this cutblock. REFER TO THE FOLLOWING FOR ADDITIONAL INFORMATION: Support Document Sections: - 4(c) Recreation Comments Other Documents / Assessments / Resources (as applicable): - Operational Plan / Landscape Level Assessment
5.8.1 Road Maintenance	☒	☐	5.8.1. ROAD MAINTENANCE Legal References: FPPR Sec. 79 FPPR Section 79 (Road Maintenance) The TSM has adopted, as a result or strategy, Section 79 of the FPPR. Each holder of an agreement under Section 12(2) of the Forest Act entered into by the TSM that is associated with this cutblock shall comply with FPPR Section 79. STRATEGY 1 (Verbatim from FSP) The timber sale license and/or road permit holder shall carry out road maintenance and ensure the following: a. the structural integrity of the road prism, road subgrade and clearing width are protected; b. the existing road surface and slope drainage systems (including ditches, culverts, road crowning and in-sloping and out-sloping) are functional at all times and measures to prevent water pooling on the road surface and erosion of surfacing material are undertaken; c. road surface drainage is directed to stable slopes and drainage structures and is not impeded; d. the road can be used safely by industrial users; e. upon completion of industrial use, during periods of non-industrial use, and/or when precipitation is occurring in an amount causing erosion of surface material: i. back-up cross ditches are installed at culvert locations; and ii. surface water-bars are established to disperse runoff. REFER TO THE FOLLOWING FOR ADDITIONAL INFORMATION: Support Document Sections: - 1(e) Terrain Stability / Site Review / Avalanche Assessment Other Documents / Assessments / Resources (as applicable): - Terrain Stability Assessment / Site Review - Harvest Plan
5.8.2 Revegetation following Road Construction and Deactivation	☒	☐	5.8.2. REVEGETATION FOLLOWING ROAD CONSTRUCTION AND DEACTIVATION Legal References: FPPR Sec. 40 Relates to: FSP Sec. 6.1 FPPR Section 40 (Revegetation)

			The TSM has adopted, as a result or strategy, Section 40 of the FPPR. Each holder of an agreement under Section 12(2) of the Forest Act entered into by the TSM that is associated with this cutblock shall comply with FPPR Section 40. STRATEGY 1 (Verbatim from FSP) Unless otherwise exempted in writing by the TSM, each agreement holder shall carry out revegetation and ensure the following: a. upon completion of road construction or deactivation activities, exposed mineral soils on: i. cut and fill slopes along new roads; iii. landings; and iii. deactivated roads; will be grass seeded concurrent with, or during the first spring or fall after the completion of, road construction or rehabilitation activities, as soil and weather conditions allow, and no later than 12 months following mineral soil exposure; b. if utilizing a dry grass seeding method, seed shall be applied at a rate of 30 to 50 kilograms per hectare; and c. grass seeding will utilize high quality seed (a mix recommended by a MFLNRO range specialist, if available; otherwise Canada Common #1 or better grade) to ensure that the introduction of invasive plant seed is minimized.

FSP MEASURES

MEASURES SECTION	APPLIES? YES	APPLIES? NO	HOW THE MEASURES APPLY TO THE SITE or RATIONALE (IF NOT APPLIED)
6.1. Measures to Prevent the Introduction or Spread of Invasive Plants	☒	☐	6.1. MEASURES TO PREVENT THE INTRODUCTION OR SPREAD OF INVASIVE PLANTS Legal References: FRPA Sec. 47, FPPR Sec. 17 Relates to: FSP Sec. 5.8.2 MEASURE 1 Known invasive plant infestations were identified using the MFLNRO Invasive Alien Plant Program (IAPP) database. Site specific measures to minimize the establishment and/or spread of invasive plants have been incorporated into this site plan and tenure agreements and are detailed under Measure 3. MEASURE 2a Invasive plant awareness training, developed by a qualified professional, is conducted for new BCTS field staff within 1 year of the start of employment and for all field staff a maximum of every five years, is documented in a training record, and includes information regarding species identification, monitoring programs, reporting methods and implementation of control measures. Compliance with this Strategy cannot be demonstrated at the Site Plan level. The TSM is responsible for ensuring compliance with this Strategy and the maintenance of records to this effect. MEASURE 2b Invasive plant awareness training is mandatory for all staff and contract personnel carrying out layout and development activities and/or monitoring the performance of contractors or agreement holders engaged in primary forest activities. Compliance with this Strategy for BCTS staff cannot be demonstrated at the Site Plan level. The TSM is responsible for ensuring compliance with this Strategy and the maintenance of records to this effect. MEASURE 2c Outside of known infestation areas, field staff and other key personnel carrying-out activities in the field entered any newly identified invasive plant infestations encountered during planned forest development activities into the MFNRO report-a-weed reporting system within 30 days of discovery. Field staff and other key personnel carrying-out active forest development activities in the field will enter any newly identified invasive plant infestations encountered into the MFNRO report-a-weed reporting system within 30 days of discovery. MEASURE 2d Contractors engaged in road building activities and agreement holders will be provided with an information package regarding the identification and reporting of invasive plants. Where applicable based on Measure #1 above, measures to minimize the establishment and spread of invasive plants are requirements within contracts and agreements. Contract / agreement requirements related to invasive plants will be reviewed at pre-work meetings and monitored for conformance. MEASURE 3 To minimize the establishment and spread of invasive plants, the TSL and/or road

			permit holder shall utilize the following measures: a. vehicles, mechanized equipment, culverts, bridges and cattle-guards are to be inspected for the presence of soil or plant material, including documentation on inspection forms, prior to being transported to or from work sites and, if present, plant and soil materials are to be removed; b. to reduce the available seedbed for invasive plants: i. Grass seed exposed mineral soils on cut and fill slopes of new roads and trails during the first available spring or fall and not more than 12 months following construction; and ii. Grass seed exposed soils on all new landings and rehabilitated areas during the first available spring or fall and not more than 12 months following the time of mineral soil exposure, except if the rehabilitated areas are to be revegetated through the planting of trees; c. Where grass seeding is undertaken, utilize high quality seed (a mix recommended by a MFLNRO range specialist, if available; otherwise Canada Common #1 or better grade) to ensure that the introduction of invasive plant seed is minimized. MEASURE 4 One or more invasive plant infestations were identified in this cutblock. Details are provided in the Support Document Section 4(d) Invasive Species Comments. The infestation(s) must be monitored and reported on during post-harvest surveys. Personnel conducting post-harvest surveys will be required to identify and report new invasive plant infestations observed during surveys. MEASURE 5 This cutblock is not located within the Rocky Mountain FDU. There are no applicable requirements under this Measure. REFER TO THE FOLLOWING FOR ADDITIONAL INFORMATION: Support Document Sections: - 4(d) Invasive Species Comments
6.2. Measures to Mitigate the Loss of Natural Range Barriers	☐	☒	6.2. MEASURES TO MITIGATE THE LOSS OF NATURAL RANGE BARRIERS Legal References: FRPA Sec. 48 and Sec. 51, FPPR Sec. 18 MEASURES 1, 2, 3 & 4 This cutblock is not within the area of a range agreement. There are no requirements under these Measures that are applicable to this cutblock. REFER TO THE FOLLOWING FOR ADDITIONAL INFORMATION: Support Document Sections: - 4(b) Range Comments Other Documents / Assessments / Resources (as applicable): - Operational Plan / Landscape Level Assessment

STOCKING REQUIREMENTS

SU	NAR	STANDARDS ID #	OTHER PERFORMANCE STANDARDS
1	24.5	Primary: 1062309 (WUI partial cut) Secondary: 1062313 (WUI clear cut)	(ICHdw1 104 w/2.0m MITD for secondary standard) This SU: south/southwest aspect and 1020-1300 m. Relevant ICHdw1 range from LMH70: from 700-900 m to approximately 1200-1350 m on warm aspects.
COMMENTS	New default Wildland Urban Interface (WUI) Forest Stewardship Plan (FSP) stocking standards (SS) for Selkirk Resource District (DSE) were approved, effective December 17, 2018, as noted in the February 27, 2019 District Manager letter. These have been applied to SUs associate with this cutblock. These were amended into FSP#601 with the approval of Amd#4. No SSIDs have been specified within LRM at the time of preparation of this plan. **A detailed method for the application of SSIDs post-harvest is described within the Silviculture Plan "Surveys" Section. SSIDs are to be entered and updated in LRM as required following this method.**		

ADMINISTRATION

Amendment number	Date Typed (Yr Mo Dy)	Map Required?
Original	20 07 27	Yes

RPF PRINTED NAME	RPF'S SIGNATURE and SEAL
Richard Cane, RPF	
DATE SIGNED	
2020/07/27	
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 member of the Association of British Columbia Forest Professionals.	