INTERFOR

# SITE PLAN (ORIGINAL)

| LICENCE | C.P. | BLOCK | REGION | DISTRICT | LOCATION | MAPSHEET |
|---|---|---|---|---|---|---|
| T0193 | TBA | KLEK2D | West Coast | Campbell River | Kleeptee Creek | 92E069 |

| ROADS UNDER SITE PLAN: |
|---|
| • R2D (0+000to 0+521) |

| TOTAL AREA UNDER PLAN (HA) | NET AREA TO BE REFORESTED (HA) | MAXIMUM SOIL DISTURBANCE ROADSIDE (%) | MAXIMUM PERMANENT ACCESS STRUCTURE LIMIT (%) | WILDLIFE TREE RETENTION AREA REQUIREMENT (%) |
|---|---|---|---|---|
| 6.3 | 5.5 | 25% | 7% | 7% |

| SU | NAR (ha) | MOF Stocking Standard ID # | Max Soil Disturbance in NAR (%) |
|---|---|---|---|
| 1 | 5.5 | 1052731 | 5% |

| Protection Status of Block (FRPA S. 196(1), FRPA S. 196(2), Declaration Date, or FSP Block/Road) |
|---|
| FSP Block |

**MANAGEMENT STRATEGIES:**

The following management strategies are consistent with Interfor's North Island Replacement Forest Stewardship Plan (FSP) approved May 26, 2017. This block is located in the Kleeptee Landscape Unit (LU) and Forest Development Unit (FDU) #NI10.

| Strategies for objectives prescribed under FPPR. | Applicable to Site (Y/N) | Indicate How Strategy Applies to Site |
|---|---|---|
| Landscape Unit Objectives **(Section 1.1. FSP)** | N | Block is not located within the established Sayward LU. |
| Non-Spatial Old Growth Objectives **(Section 1.6.1.2 FSP)** | Y | The old-growth retention target for the Kleeptee LU (Low BEO) within the CWH vm1 is 13% (Regional Landscape Unit Planning (RLUP) Database v3.2, August 15, 2005). Draft OGMAs that meet the intent of the NSOG Order have been delineated but are not established / final. The north end of block KLEK2D is located adjacent to draft OGMA Klee_037. The development of this block will not impact the OGMA. Road Construction and harvesting activities within this block are in compliance with the Order and consistent with **FSP S. 1.6.1.2.** |
| Vancouver Island Land Use Plan Higher Level Plan Order **(Section 1.6.1.3)** | Y | The **Vancouver Island Land Use Plan** (VILUP) higher-level plan applies to the North Island FSP area. The block is located within the Kleeptee Enhanced Resource Management Zone (RMZ 23) in which Higher Level Plan objectives 7, 8, 9 and 9.1 can be applied. None of the objectives are applicable to the block. |
| Soils: Disturbance **(Section 1.6.2.1 FSP)** | Y | The maximum amount of soil disturbance on the Net Area to be Reforested (NAR) is 5% of the area covered by the standard unit due to sensitive soils. The maximum amount of soil disturbance on the NAR is 25% of the area covered by the roadside work area. |
| Soils: PAS **(Section 1.6.2.1 FSP)** | Y | The estimated Permanent Access Structure (PAS) associated with block KLEK2D is 0.4 ha or 6.8% of the gross block area (5.9 ha) meeting the 7% requirement as per **FPPR section 36.** |
| Wildlife **(Section 1.6.2.2 FSP)** | Y | There are no established Ungulate Winter Ranges (UWR) within the vicinity of this block. There is one Wildlife Habitat Area (WHA), 1-583b located adjacent to the north end of the block. Harvesting of the block will not affect the WHA.<br>**Marbled Murrelet** (*B. marmoratus*) – According to the North Island MAMU Habitat calculations completed June 2016 the defined amount required by the Notice has been met in the Kleeptee Landscape Unit.<br>**Great Blue Heron** *(Ardea herodias fannini)* – No active nest sites were identified within the block.<br>**Red-legged Frog** *(Rana aurora)* - No occurrences or breeding sites were identified within the block.<br>**Keen's Long-eared** (*Myotis keenii)* - No occurrences or significant potential roosting habitat sites were identified within the block.<br>**Queen Charlotte Goshawk** *(Accipter gentiles laingi)* – No active nest sites were identified within the block. |
| Riparian – widths and practices **(Section 1.6.2.3 FSP)** | Y | All riparian classes are consistent with **FPPR S. 47**. Road construction and harvest operations will be consistent with **FPPR section 50. FPPR sections 48, 49, 51 and 53** do not apply to the block. |
| Riparian – basal area retention **(Section 1.6.2.3 FSP)** | Y | Stream 17 is a direct tributary to a S1 Stream. A minimum 10 m buffer has been maintained adjacent to the stream within the RMZ, in which 100% of the basal area will be retained, ensuring the stream bank and channel stability are maintained as per **FPPR S.52 (2) and FSP S.1.6.2.3**. |

| DATE: March 26, 2018 | LOCATION: Kleeptee Creek | BLOCK & ROADS: KLEK2D |
|---|---|---|

| Strategies for objectives prescribed under FPPR. | Applicable to Site (Y/N) | Indicate How Strategy Applies to Site |
|---|---|---|
| Community watersheds **(Section 1.6.2.4 FSP)** | N | This block is not within a designated community watershed area listed in the FSP. |
| Wildlife & biodiversity: landscape **(Section 1.6.2.5 FSP)** | Y | The gross harvest area of KLEK2D is 5.9 ha. It is located adjacent to non-conforming blocks K3(8.2ha) and K2 (7.6 ha) resulting in a total opening of 21.7 ha meeting the requirements of **FPPR S.64 and S.65.** |
| Wildlife & biodiversity: stand **(Section 1.6.2.5 FSP)** | Y | The stand-level Wildlife Tree Retention Area (WTRA) is consistent with **FPPR S. 66 and 67**. A WTRA patch has been reserved from harvest, totaling 0.4 ha meeting the 7% gross harvest area requirement. |
| Cultural heritage resources **(Section 1.6.2.6 FSP)** | Y | Information sharing with the Muchalaht Mowachaht First Nation was carried out between June 2, 2017 and December 5, 2017. Questions regarding fish streams within the area were asked and answered during information sharing, no further concerns were identified.<br>If any previously unidentified cultural heritage resources are *discovered* during harvesting, stop work and notify supervisor and/or Interfor personnel. |
| Objectives Set by Order: **(FSP S. 1.6.3.1 and FSP S. 1.6.3.2)** | N | Block is not located within the Sayward Landscape Unit. |
| Visual Quality Objectives Set for Scenic Areas **(Section 1.6.4.1 FSP)** | Y | Block KLEK2D is located within a "Known Scenic Area" with a Visual Quality Objective of Partial Retention. A Visual Impact Assessment has been completed in which the block meets the definition of Partial Retention, such that the alteration is easy to see, small to moderate in scale and has a design that appears natural and is not angular or geometric. |
| Invasive Plants **(Section 1.8 FSP)** | Y | No significant occurrences of invasive plant species were observed within or adjacent to the block. Prompt reforestation will be implemented to suppress shade intolerant invasive plants and post-harvest assessments will be carried out to determine if future treatment is required. |

| **Site Plan prepared by:** | **Licensee Signing Authority:** |
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| Document by: Wendy Ravai, RPF<br>Fieldwork by: Wendy Ravai, RPF<br><br>REGISTERED PROFESSIONAL FORESTER – PROVINCE OF BRITISH COLUMBIA – WENDY RAVAI – NO. 4040<br><br>Registered Professional Forester Signature<br>Wendy Ravai, RPF<br><br>Date: March 26, 2018 | for<br><br>Licence Holder Signing Authority Signature<br>Dave Mackay, RPF, Planning Manager<br><br>Date: March 26, 2018 |

| **Attachments:** |
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| 1:5000 SITE PLAN MAP |