|  |
| --- |
| **A. PROJECT IDENTIFICATION** |
| PROJECT ID AND UNIT ID: | LAND OR TENURE HOLDER: |
| LATITUDE/LONGITUDE: | GEOGRAPHIC DESCRIPTION: |
| HIGHER-LEVEL PLAN(s): | MAP REFERENCE NUMBER: |

|  |
| --- |
| **B. FUEL TREATMENT PROJECT DESCRIPTION** |
| OBJECTIVE: | [ ]  Public Safety | [ ]  Range Improvement | [ ]  Ecosystem Restoration |
| [ ]  Recreation | [ ]  Wildlife Habitat | [ ]  Other: |
|  |
| STRATEGIES: |  |
| METHODS: |  |

|  |
| --- |
| **C. TREATMENT UNIT (TU) SUMMARY** |
| TU | NET AREA(ha) | GROSS AREA(ha) | LEAVE AREAS(ha) | NP (ha) | NAR(ha) | TREATMENT REGIME(i.e. PRUNE THIN, PILE BURN, BROAD, CHAUL, ETC.) |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| TOTALS |  |  |  |  |  |  |

|  |
| --- |
| **D. SITE CHARACTERISTICS** |
| TU | [CFFBPS FUEL TYPE](https://cwfis.cfs.nrcan.gc.ca/background/fueltypes/c1) | TIMBER TYPE | BGC SUBZONE, VARIANT & SITE ASSOC. | ELEVATION RANGE (m) | SLOPE POSITION | SLOPE RANGE (%) | ASPECT |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| FUEL TYPE DETERMINATION |  |

|  |
| --- |
| **E. SOIL CHARACTERISTICS** |
| TU | SOIL TEXTURE | DUFF DEPTH(cm) | COARSE FRAGMENTS (%) | SOIL DISTURBANCE LIMIT (%) | SOIL HARZARD RATING |
| Compaction | Erosion | Displacement |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

|  |
| --- |
| **F. VALUES – *FOREST AND RANGE PRACTICES ACT*** |
| **RIPARIAN & LAKESHORE AREAS** - Forest Planning and Practices Regulation (FPPR) division 3, Government Action Regulation (GAR) section 6, Forest and Range Practices Act (FRPA) sections 180 and 181 |
| Is the proposed cutting, modification or removal of trees, or site preparation, in an area that contains streams, lakes or wetlands? | Yes [ ]  No [ ]  |  |
| **RIPARIAN MANAGEMENT AREAS (RMAs)** - FPPR sections 51 and 52 |
| STREAM, LAKE, WETLAND ID | CLASS | RRZ(m) | RMZ(m) | SPECIFICATIONS FOR RIPAIRAN OR LAKESHORE MANAGEMENT AREAS |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| **TEMPERATURE SENSITIVE STREAMS** - FPPR section 53, GAR section 15, FRPA sections 180 and 181 |
| Are there temperature sensitive streams or direct tributaries to temperature sensitive streamswithin or adjacent to the proposed treatment area? | Yes [ ]  No [ ]  |  |
| **ROAD CONSTRUCTION IN RIPARIAN MANAGEMENT AREAS** - FPPR section 50 |
| Is road construction proposed in riparian management areas withinthe treatment area or an associated road permit (RP)? | Yes [ ]  No [ ]  |  |
| **STREAM CROSSING**S - FPPR section 55 |
| Will stream crossings be constructed within the proposed treatment area or a road permitroad providing access to the treatment area? | Yes [ ]  No [ ]  |  |
| **MAINTAINING STREAM BANK AND CHANNEL STABILITY** ON S4, S5, and S6 STREAMS - FPPR section 52 (2) |
| Is the proposed treatment in the RMZ of an S4, S5 or S6 stream that is directly tributary to an S1, S2 or S3 stream and the activity is likely to contribute significantly to thedestabilization of the stream bank or the stream channel? | Yes [ ]  No [ ]  |  |
| **DOMESTIC WATER LICENCES** (inside or outside of community watershed) - FPPR section 59 |
| Does the proposed treatment area contain water sources that are diverted for human consumptionby a licensed waterworks? | Yes [ ] No [ ]  |  |
| **LICENCED WATER WORKS** (inside or outside of a community watershed) - FPPR section 60 |
| Does the proposed treatmentinclude areas that are within 100m of a licensed waterworks? | Yes [ ]  No [ ]  |  |
| **FISHERIES SENSITIVE WATERSHED** - GAR section 14, FPPR section 8.1 |
| Are any activities proposed within a fisheries sensitive watershed? | Yes [ ]  No [ ]  |  |
| **COMMUNITY WATERSHED** - GAR section 8, FPPR section 8.2, 61, 62 and 84 |
| Does the proposed treatment area include areas that are within a community watershed? | Yes [ ]  No [ ]  |  |
| Will this project require roadconstruction or deactivation within a community watershed? | Yes [ ]  No [ ]  |  |
| **WATERSHED ASSESSMENT CONSIDERATIONS** - FRPA section 180 areas with "significant watershed sensitivity" |
| Does the proposed treatment area include areas that have watershedassessment considerations? | Yes [ ]  No [ ]  |  |
| **SOIL DISTURBANCE AND PERMANENT ACCESS STRUCTURES** - FPPR sections 35 and 36 |
|  | Proposed | Proposed | Proposed |  |
|  | Max. | Max. Soil | Max. |  |
| Treatment Unit | Allowable SoilDisturbance | Disturbancefor Roadside | PermanentAccess | Comments |
|  | (%) | Work Areas | Structures |  |
|  | (5% or 10%) | (%) | (%) |  |
| Do the proposed Permanent Access Structures exceed 7% of the total area? | Yes [ ]  No [ ]  |  |
| **LANDSLIDES AND TERRAIN STABILITY** - FPPR section 37 |
| Does the proposed treatment areainclude areas where terrain stability is a concern? | Yes [ ]  No [ ]  |  |
| **SUITABLE SECONDARY STRUCTURE** - FPPR section 43.1 |
| Does the proposed treatment areainclude a “targeted pine leading stand”? | Yes [ ]  No [ ]  |  |
| **UNGULATE WINTER RANGE** - GAR section 12, FRPA sections 180 and 181, FPPR section 69 |
| Does the proposed treatment areainclude areas within an Ungulate Winter Range? | Yes [ ]  No [ ]  |  |
| **WILDLIFE HABITAT AREA** - GAR section 10, FRPA sections 180 and 181, FPPR section 69 |
| Does the proposed treatment area include any wildlife habitat areas(WHA)? | Yes [ ]  No [ ]  |  |
|  **MIGRATORY BIRD CONVENTION ACT** - 1994 |
| Does the proposed treatment have the potential to impact migratory bird habitat? | Yes [ ]  No [ ]  |  |
| **OBJECTIVES SET BY GOVERNMENT FOR WILDLIFE** - FPPR section 7 |
| Does the proposed treatment area include areas to which objectivesfor wildlife under FPPR section 7 apply? | Yes [ ]  No [ ]  |  |
| **OBJECTIVES SET BY GOVERNMENT FOR BIODIVERSITY OBJECTIVES (Landscape Level)** - FPPR Part 4 Division 5 |
| Does the proposed treatment area include areas to which objectivesfor landscape level biodiversity under FPPR section 9 apply? | Yes [ ]  No [ ]  |  |
| **OBJECTIVES SET BY GOVERNMENT FOR BIODIVERSITY OBJECTIVES (Stand Level)** - FPPR Part 4 Division 5 |
| Are considerations for maintaining stand structure (wildlife trees, wildlife tree reserves, etc.), coarse woody debris, and maintaining tree and vegetation speciescomposition incorporated into this prescription? | Yes [ ]  No [ ]  |  |
| **RECREATION FEATURES** - FRPA section 56 and 149, FPPR section 70 |
| Does the proposed treatment area contain interpretive sites, recreation trails, recreation sites, recreation facilities that are of significant recreation value and are designated a resource feature? | Yes [ ]  No [ ]  |  |
| **VISUAL QUALITY OBJECTIVES** - GAR section 7, FRPA sections 180 and 181, FPPR section 9.2 |
| Is the proposed treatment within a scenic area? | Yes [ ]  No [ ]  |  |
| **ARCHAEOLOGICAL RESOURCES/CULTURAL HERITAGE RESOURCES** - FPPR section 10 |
| Are there any known archaeological sites or cultural heritage resources that are important to First Nations within the proposed area?No Referral to Land Manager is required if proposed TU is on the applicant’s own First Nation Land. | Yes [ ]  No [ ]  |  |
| **INVASIVE PLANTS** - FRPA section 47 and FPPR section 17 |
| Is the introduction and spread ofinvasive plants likely as a result of the proposed treatment? | Yes [ ]  No [ ]  |  |
| **NATURAL RANGE BARRIERS** - FRPA section 48, FPPR section 18 |
| Are there natural range barriers within the proposed treatmentarea that are likely to be removed or rendered ineffective? | Yes [ ]  No [ ]  |  |
| **SPECIES AT RISK** – FPPA section 7 |
| Are there species at risk present within the boundaries of the prescribed treatment area? | Yes [ ]  No [ ]  |  |
| [ ] **AND USE OBJECTIVES** (Higher Level Plans and objectives set by Government under the *Land Act*) |
| Are there land use objectives (higher level plans or objectives under the *Land Act*) that apply to the proposed treatment area or a Road Permit necessary to provide access to the treatment area? | Yes [ ]  No [ ]  |  |
| Do the proposed activities conflict with land use objectives (higher level plans or objectives under the *Land Act*)? | Yes [ ]  No [ ]  |  |
| Known and potential species at risk, windthrow hazard, and old growth management areas | Yes [ ]  No [ ]  |  |

|  |
| --- |
| **G. OTHER CONSIDERATIONS AND REQUIREMENTS** |
| CONSULTATION – FIRST NATIONS |
| FIRST NATION | CONCERNS IDENTIFIED AND MEASURES TO ADDRESS |
|  |  |
|  |  |
|  |  |
| First Nations consultation complete? | Yes [ ] No [ ]  |  |
| CONSULTATION – GENERAL |
|  |
| EXISTING TENURE HOLDERS (Forest, Range, Guide Outfitters, Trappers) |
| Tenure Holder | Concerns? | Measures proposed to address licensee's concerns |
|  | Yes [ ]  No [ ]  |  |
|  | Yes [ ]  No [ ]  |  |
|  | Yes [ ]  No [ ]  |  |
| PRIVATE PROPERTY |
| Does private property border the proposed treatment area? | Yes [ ]  No [ ]  |  |
| SMOKE MANAGEMENT |
| Does a smoke management plan beyond OBSCR exist for the proposed treatment area? | Yes [ ]  No [ ]  |  |
| SAFETY |
| Have any specific safety concerns been identified in or adjacent to the proposed treatment area? | Yes [ ]  No [ ]  |  |
| UTILITIES |
| Are utilities located in or adjacent to the proposed treatment area? i.e. powerlines, gas lines, etc. | Yes [ ]  No [ ]  |  |
| ACCESS CONTROL |
| Are there any foreseen issues with access and access control during and post treatment? | Yes [ ]  No [ ]  |  |
| TRAFFIC CONTROL |
| Is traffic control required at any point during operations? | Yes [ ]  No [ ]  |  |
| OTHER (E.g Public Notification) |
|  |

|  |
| --- |
| **H. STAND AND STOCK TABLE** |
| Is merchantable timber cutting prescribed? If yes, please provide details below.[ ]  Yes[ ]  No |
|  Are there any challenges to utilizing merchantable material? If yes, please provide details below. [ ]  Yes [ ]  No |
| Species and Diameter Class[[1]](#footnote-2)  | Crown Base Height Range (m) | Average Tree Height (m) | STEMS PER HECTARE(sph) | VOLUME PER HECTARE(m3/ha)[[2]](#footnote-3) | Basal Area (m2) |
| Existing | Cut | Leave | Existing | Cut | Leave | Existing |
| Layer 1 (≥ 22.5 cm - 27.5 cm dbh) (Merchantability criteria can also be included here.) |
| Species |  |  |  |  |  |  |  |  |  |
| Species |  |  |  |  |  |  |  |  |  |
| Species |  |  |  |  |  |  |  |  |  |
| Total Dead Potential |  |  |  |  |  |  |  |  |  |
| Total Live |  |  |  |  |  |  |  |  |  |
| Total All Species |  |  |  |  |  |  |  |  |  |
| Total Conifers |  |  |  |  |  |  |  |  |  |
|  Layer 1 (≥ 17.5cm - 22.5 cm dbh) |
| Species |  |  |  |  |  |  |  |  |  |
| Species |  |  |  |  |  |  |  |  |  |
| Species |  |  |  |  |  |  |  |  |  |
| Total Dead Potential |  |  |  |  |  |  |  |  |  |
| Total Live |  |  |  |  |  |  |  |  |  |
| Total All Species |  |  |  |  |  |  |  |  |  |
| Total Conifers |  |  |  |  |  |  |  |  |  |
| Layer 1 (≥ 12.5 cm - 17.5 cm dbh) |
| Species |  |  |  |  |  |  |  |  |  |
| Species |  |  |  |  |  |  |  |  |  |
| Species |  |  |  |  |  |  |  |  |  |
| Total Dead Potential |  |  |  |  |  |  |  |  |  |
| Total Live |  |  |  |  |  |  |  |  |  |
| Total All Species |  |  |  |  |  |  |  |  |  |
| Total Conifers |  |  |  |  |  |  |  |  |  |
| **Total Layer 1** |
| Total Layer - All Species |  |  |  |  |  |  |  |  |  |
| Total Layer - Conifers Only |  |  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Species and Diameter Class[[3]](#footnote-4) | Crown Base Height Range (m) | Average Tree Height (m) | STEMS PER HECTARE(sph) | VOLUME PER HECTRARE(m3/ha) | Basal Area (m2) |
| Existing | Cut | Leave | Existing | Cut | Leave | Existing |
| Layer 2 (≥ 7.5cm - 12.5cm dbh) |
| Species |  |  |  |  |  |  |  |  |  |
| Species |  |  |  |  |  |  |  |  |  |
| Species |  |  |  |  |  |  |  |  |  |
| Total Dead Potential |  |  |  |  |  |  |  |  |  |
| Total Live |  |  |  |  |  |  |  |  |  |
| Total Layer 2 - All Species |  |  |  |  |  |  |  |  |  |
| Total Layer 2 - Conifers Only |  |  |  |  |  |  |  |  |  |
| Layer 3 (>1.3m Height and <7.5cm dbh) |
| Species |  |  |  |  |  |  |  |  |  |
| Species |  |  |  |  |  |  |  |  |  |
| Total Layer 3 - All Species |  |  |  |  |  |  |  |  |  |
| Total Layer 3 - Conifers |  |  |  |  |  |  |  |  |  |
| Layer 4 (<1.3m Height) |
| Species |  |  |  |  |  |  |  |  |  |
| Species |  |  |  |  |  |  |  |  |  |
| Total Layer 4 - All Species |  |  |  |  |  |  |  |  |  |
| Total Layer 4 - Conifers |  |  |  |  |  |  |  |  |  |
| Total All Species Layer 1 |  |  |  |  |  |  |  |  |  |
| Total All Species Layer 2 |  |  |  |  |  |  |  |  |  |
| Total All Species Layer 3 |  |  |  |  |  |  |  |  |  |
| Total All Species Layer 4 |  |  |  |  |  |  |  |  |  |
| **TOTAL ALL LAYERS** |  |  |  |  |  |  |  |  |  |

|  |
| --- |
| **SURFACE FUEL LOADING (kg/m2)** |
| Size Class (cm) | Existing (kg/m2) | Existing Distribution | Target (kg/m2) | Target Distribution | Methodology Used |
| Fine Woody Debris (</=7cm) |  |  |  |  |  |
| Large Diameter Woody Debris (>7cm – 20cm) |  |  |  |  |  |
| Coarse Woody Debris (CWD) (20cm+) |  |  |  |  |  |
| Crown Closure (%) | Existing: | Target: |
| BIODIVERSITY AND FOREST HEALTH CONSIDERATIONS AND TARGETS |
| COARSE WOODY DEBRIS (CWD) RETENTION TARGET - sph andDistribution |  |
| WILDLIFE TREE RETENTION TARGET |  |
| FOREST HEALTH- Should include sections such as agent, affected species, incidence rating, mortality, and targets |  |

|  |
| --- |
| TREATMENT SPECIFICATIONS SUMMARY |
| TU | TREE REMOVAL/RETENTION STRATEGY BY SIZE/SPECIES(Summarize specifications identified in table above) |
|  |  |
|  |  |
|  |  |

|  |
| --- |
| TREATMENT SPECIFICATION RATIONALE |
|  |

|  |
| --- |
| **I. TREATMENT DESCRIPTION (Must Be Filled Out)** |
| MERCHANTABLE TIMBER CUTTING |
| ROADS, LANDINGS AND TRAILS: |
| FELLING: |
| YARDING/SKIDDING: |
| LOADING AND HAULING: |
| SLASH DISPOSAL: |
| SPECIAL MEASURES: |
| STAND MODIFICATION TREATMENTS |
| BRUSHING: |
| PRUNING: |
| THINNING: |
| DEBRIS PILING: |
| PILE BURNING: |
| MULCHING: |
| MASTICATION: |

|  |
| --- |
| GRINDING: |
| PRESCRIBED FIRE: |
| PLANTING: |
| OTHER: |
| AUTHORIZATION AND TIMBER TENURE |
| FRPA Section 52: |
| Forestry License to Cut (FLTC): |
| Park Use Permit: |
| Road Permit or Road Use Permit: |
| Other (i.e. local government, utilities, etc.): |

|  |
| --- |
| **J. POST TREATMENT** |
| EXPECTED VEGETATION RESPONSE: |
| ADDITIONAL TREATMENTS OR MAINTENANCE: |
| SILVICULTURE OBLIGATIONS: Do silvicultural obligations apply to the treatment area? Yes  No  |
| PLANTING: Is planting a treatment identified in this prescription or required as a legislative obligation? Yes  No  |
| STOCKING STANDARDS |
| TU | StockingStandard ID | Pref. Spp. | Acc. Spp. | Well-Spaced Stem/ha | Minimum Height (m) | Regen Delay | Free Growing (years) |
| TSS | MSS | MITD |
| Pref. & Acc. | Pref. | Pl | Others | RTH (%) |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **K. Outstanding Works** |
|  |
|  |
|  |
| **L. ADMINISTRATION** |
| **PREPARATION** |
|  |  |
| FOREST PROFESSIONAL NAME *(Printed)* | FOREST PROFESSIONAL SIGNATURE |
| MEMBER NUMBER | DATE |
| **M. ATTACHMENTS** |
| MAPS: | Yes  No  | FIELD DATA CARDS: | Yes  No  |
| WUI WTA Plots and Photos: | Yes  No  | CRUISE DATA: | Yes  No  |
| AIR PHOTOS/IMAGERY: | Yes  No  | BURN PLAN: | Yes  No  |
| MODELING/DATA ANALYSIS: | Yes  No  | OTHER: | Yes  No  |
| SURFACE FUEL LOADING DATA: | Yes  No  |  |
| TERRAIN STABILITY ASSESSMENT | Yes  No  | VISUAL IMPACT ASSESSMENT | Yes  No  |
| Completed By: |  | Completed By: |  |
| Date: |  | Date: |  |
| ARCHAEOLOGY IMPACT ASSESSMENT Yes [ ]  No [ ]  | BIOLOGIST ASSESSMENT Yes  No  |  |
| Completed By: |  | Completed By: |  |
| Date: |  | Date: |  |
| ADDITIONAL COMMENTS: |

1. Modify diameter classes as required to suite treatment. [↑](#footnote-ref-2)
2. A professional estimate is required for any merchantable cutting [↑](#footnote-ref-3)
3. Modify diameter classes as required to suite treatment. [↑](#footnote-ref-4)