|  |  |
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| ***FOR THE USE OF THE MRNF*** | |
|  | |
| **Application number:** |  |
| (Year, management unit and sequential number) | |
|  | |
| **Recipient number:** |  |

**LADTF Section 41 Authorization Application Form**

**for the Construction or Improvement of a Multi-Purpose Road**

**in Forests in the Domain of the State (sections 67 and 70)**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1** | **Applicant identification** | | | | | | | | | | |
|  |  |  |  |  |  |  |  |  | |  |  |
|  | **Applicant:** | |  | | | | | | | | |
|  | *(Holder of a permit, agreement, authorization or contract under the Sustainable Forest Development Act (LADTF))* | | | | | | | |  |  |  |
|  |  | | | | | | | |  |  |  |
|  | **Person responsible for the work:** | |  | | | | | | | | |
|  | *(Name and address)* | |  | | | | | |  |  |  |
|  |  |  |  |  |  |  |  | |  |  |  |
|  | **Telephone:** | |  | | | | **Email:** |  | | | |
|  |  | |  | | | |  |  | | | |

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **2** | **Location** | | | | | | |
|  |  |  |  | |  |  | |
|  | **Identification:** | |  | | **MU number:** |  | |
|  | **Longitude:** | |  | | **Operation zone:** |  | |
|  | **Latitude:** | |  | | **Harvesting site name:** |  | |
|  |  | |  | | **Road segment number:** |  | |
|  |  | |  | |  |  |  |
|  | **Other relevant information:** | | |  | | | |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **3** | **Type of departure** | | | | | |
|  |  | | | | |  |
|  | **3.1 - Section 70 RADF:** Road constructed or improved in an open peat bog for a distance of more than 100 m | | | | |  |
|  |  | | | | |  |
|  | **3.2 - Section 67 RADF:** Road constructed or improved in one of the following situations: | | | | |  |
|  |  | | | | |  |
|  | **3.2.1. With encroachment on the bed of a lake or watercourse or in the riparian ecotone** | | | | |  |
|  | *If checked, the applicant must obtain an authorization from the MELCCFP under the Environment Quality Act (LQE) and/or the Act respecting the conservation and development of wildlife (LCMVF).* | | | | |  |
|  | ***Complete the form provided for this purpose*** | | | | |  |
|  |  | | | | |  |
|  | **3.2.2. Other types of departure\*** | | | | |  |
|  | *\* Check the boxes that apply* | | | | |  |
|  | **A – Within 60 m:** |  | **B – Within 30 m:** |  | **C – Presence of hardpan** |  |
|  | Of a lake¹ |  | Of an intermittent watercourse¹ |  |  |  |
|  | Of a permanent watercourse¹ |  |  |  |  |  |
|  | Of an open peat bog with a pond1 |  |  |  |  |  |
|  | Of a marsh1 |  |  |  |  |  |
|  | Of a riparian swamp1 |  |  |  |  |  |
|  | *(¹) The distance (60 m or 30 m) is calculated based on the outermost limit of the stream’s ecotone. When present, the various open environments (open bog with pond, riparian shrub swamp) are part of the ecotone of the stream, lake or marsh.* | | | | | |

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| **4** | **Prior identification of the departure to the PRAN** | |
|  |  | |
|  | Departure identified from PRAN/PAFI version no. |  |
|  | *This section is to be completed by clients, subject to a management plan* | |

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| **Application number:** |  |

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| **5** | **Description of the project in departure and justification(s) for the application** |
|  |  |
|  | Describe the type of work planned (construction, improvement) as well as the nature of the project in departure (technical characteristics or specifications, etc.). |
|  |  |
|  |  |
|  | **Append a sketch (overhead view) of the section of the road in departure indicating the distances of the environment to be protected (ecotone, 20, 30 and 60 m) and the location of drainage culverts and settling ponds to manage road surface water and maintain natural drainage and watercourse crossings as required by the project.** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Environments targeted by a distance of less than 60 m** | | | |
|  |  | Protection zone | Total encroachment length (m) | Minimum distance from ecotone or environment to be protected (m) |
|  |  | Ecotone or environment to be protected (m) |  |  |
|  |  | > 0 m to 20 m |  |  |
|  |  | > 20 m to 60 m |  |  |
|  |  | **TOTAL** |  |  |
|  |  | > 60 m\* |  |  |
|  |  | \* Soil with impervious hardpan | | |
|  |  |  | | |
|  | **Environments targeted by a distance of less than 30 m** | | | |
|  |  | Protection zone | Total encroachment length (m) | Minimum distance from ecotone or environment to be protected (m) |
|  |  | Ecotone or environment to be protected (m) |  |  |
|  |  | > 0 m to 20 m |  |  |
|  |  | > 20 m to 30 m |  |  |
|  |  | **TOTAL** |  |  |
|  |  | > 60 m\* |  |  |
|  |  | \* Soil with impervious hardpan | | |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Width (m) of road right-of-way deforestation: | | | |  | | |
| Width (m) of right-of-way deforestation on the side of the environment to be protected: | | | | | |  |
| Approximate start date of work covered by the departure: | | | | | Cliquez ici | |
| Estimated duration of work covered by the departure: | | |  | | | |
| Estimated time of road use: | |  | | | | |
| Road without grooming: | Yes  **OR** No | | | | | |

|  |  |  |
| --- | --- | --- |
| **6** | **Describe the measures to protect the aquatic environment in relation to the project in departure** | |
|  |  | |
|  | *In addition to meeting minimum RADF standards, including the respect for the slope of the road bank on the lake or watercourse side (1V:1.5H) and the stabilization of the bank if erosion may create sediment input into the aquatic environment, I undertake to apply the following safeguards:* | |
|  | 1. No harvesting shall be carried out between the road right-of-way in departure and the environment to be protected: |  |
|  | 1. No forestry equipment traffic between the road right-of-way and the environment to be protected: |  |
|  | 1. Material used to stabilize the bank: |  |
|  | 1. Other protection measures: |  |

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| **Application number:** |  |

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| **7** | **Description of the project in departure and justification(s) for the application (cont.)** |
|  |  |
|  | Describe the best route that meets the distances targeted under RADF sections 67 or 70: |
|  |  |
|  |  |
|  | **Draw on a topographical map (scale 1:20,000) the route in departure, the RADF-compliant route and the existing roads (attach as an appendix, preferably in shapefile format (.shp), indicating the corresponding map number)** |
|  |  |
|  | Describe the topographical, hydrographic and other reasons for choosing the project in departure from the route in accordance with the RADF and/or existing roads: |
|  |  |

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| **Application number:** |  |

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| **8** | **Description of the environments adjacent to the project site in departure (attach photos of the site as an appendix)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | |  |  | | | | | | | | | | | | | | | | | | | | | |
|  | **Aquatic environment (see figure, section a)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Type | | | | |  | Bed composition | | | | | Water velocity | | | |  | | | Morphology | | | | | | |  | | |
|  | 1-Lake | | | | |  | 1-Mud | |  | | | 1-Zero | | | |  | | | 1-Rectilinear | | | | |  | TraitsDoubleGras | | | |
|  | 2-Pond | | | | |  | 2-Sand | |  | | | 2-Slow | | | |  | | | 2-Sinuous | | | | |  |
|  | 3-River | | | | |  | 3-Gravel | |  | | | 3-Medium | | | |  | | | 3-Tortuous | | | | |  |
|  | 4-Stream | | | | |  | 4-Pebble, block | |  | | | 4-Fast | | | |  | | | 4-Cascade | | | | |  |
|  | 5-Open peat bog with a pond | | | | |  | 5-Rock | |  | | | Date | | | Cliquez ici | | | | 5-Waterfall\* | | | | |  |
|  | 6-Marsh | | | | |  |  | | | |  |  | | | | | | | *\* Waterfall height (m):* | | | | | | | |  | |
|  | 7-Riparian swamp | | | | |  |  | | | | | | | | | | | | | | | | | | | | | |
|  | Width (m): | | | | |  |  | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | |  |  | | | | | | | | | | | | | | | | | | | | | |
|  | Presence of aquatic vegetation | | | | |  | Water level | | |  | | | | Watercourse slope | | | | | | |  | | Maximum depth | | | | |  |
|  | *Covering %* | | | | |  | 1-Low water | | |  | | | | 1- 0-2% | | | | | | |  | | 1- 0-0.5 m | | | | |  |
|  | 1- 0-30% | | | | |  | 2-Normal | | |  | | | | 2- >2-6% | | | | | | |  | | 2- >0.5-1 m | | | | |  |
|  | 2- >30-70% | | | | |  | 3-Rise | | |  | | | | 3- >6% | | | | | | |  | | 3- >1 m | | | | |  |
|  | 3- >70-100% | | | | |  |  | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | |  |  | | | | | | | | | | | | | | | | | | | | | |
|  | *Indicate all features observed (beaver pond, potential spawning area, salmon river, occurrence of threatened or vulnerable species, etc.):* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Fish observation | | | Yes  **OR** No | | | | | | | | | | | | | | | | Date: | | Cliquez ici | | | | | | |
|  |  | | |  | | | | | | | | | | | | | | | |  | |  | | | | | | |
|  | **Riparian ecotone (see figure, section b)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Maximum slope |  | Type of deposit | | | |  | Vegetation | | | | | | |  | |  | | | | | | | | | | | |
|  | (crosswise) |  | 1-Clay | | | |  | 1-Absent | | | | | | |  | |  | | | | | | | | | | | |
|  | 0 – 10% |  | 2-Sand | | | |  | 2-Moss | | | | | | |  | |  | | | | | | | | | | | |
|  | 11 – 20% |  | 3-Gravel | | | |  | 3-Herbaceous | | | | | | |  | |  | | | | | | | | | | | |
|  | 21 – 30% |  | 4-Pebble, block | | | |  | 4-Shrubs | | | | | | |  | | CoupeTransversaleAvecLettrageV4 | | | | | | | | | | | |
|  | 31 – 40% |  | 5-Rock | | | |  | 5-Scattered trees | | | | | | |  | |  | | | | | | | | | | | |
|  | >41% |  |  | | | |  | Dominant species: | | | | | | |  | |  | | | | | | | | | | | |
|  |  |  |  | | | |  |  | | | | | | |  | |  | | | | | | | | | | | |
|  | Width of the riparian ecotone (m) | | | |  | | |  | | | | | | |  | |  | | | | | | | | | | | |
|  |  |  |  | | | |  |  | | | | | | |  | |  | | | | | | | | | | | |
|  | **Forest stand (see figure, section c)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | 1-Present species | | | | | |  | | | | | | 3-Width (m) occupied by the stand: | | | | | | | | | | | |  | | | |
|  | 2-If a harvest is expected, specify the type: | | | | | |  | | | | | | 4-Maximum slope of the lot: | | | | | | | | | | | |  | | | |
|  |  | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | **Forest stand (see figure, section d)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | 1-Present species | | | | | | | | | | | | | | | | |  | | | | | | | | | | |
|  | 2-If a harvest is expected, specify the type: | | | | | | | | | | | | | | | | |  | | | | | | | | | | |
|  | 3-Maximum slope of the lot (measured within 60 m from the road right-of-way): | | | | | | | | | | | | | | | | |  | | | | | | | | | | |

|  |  |  |
| --- | --- | --- |
| **9** | **Signature of the application** | |
|  |  | Cliquez ici |
|  | Signature of the applicant¹ | Date |
|  | *(¹) Applications must be signed by a* ***forest engineer****.* | |

|  |  |
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| **Application number:** |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **10** | **Additional protection measures required by the entities responsible for the LADTF, the LCMVF and the LQE.** | | | | | | | | | | | | | | | | | | |
|  |  | | | | | | | | | | | | | | | | | | |
|  |  | | *Cooperation between forest management directorates, wildlife management directorates and the required regional environment directorates.* | | | | | | | | | | | | | | | | |
|  | *Cooperation involves pursuing common, broad objectives (both environmental and social, as well as economic), identifying specific objectives to be achieved in a given situation, and analyzing and/or co-developing possible solutions, ultimately deciding together on the position or direction to take.* | | | | | | | | | | | | | | | | | | |
|  |  |  | | | | | | | | | | | | | | | | | |
|  | Position of the entities responsible for the LADTF, LCMVF and LQE. | | | | | | | | | | | | | | | | | | |
|  |  | | At all times, keep the vegetation cover between the road and the environment to be protected. | | | | | | | | | | | |  |  | | | |
|  |  | | Embankment, side of the environment to be protected: Stabilization by vegetation cover with slope (1V:1.5H) or less. | | | | | | | | | | | | | | | | |
|  |  | | Embankment, side of the environment to be protected: Stabilization by geotextile membrane and riprap with slope (1V:1.5H) or less. | | | | | | | | | | | | | | | | |
|  |  | | Embankment, opposite side of the environment to be protected: Stabilization by vegetation cover with slope (1V:1.5H) or less. | | | | | | | | | | | | | | | | |
|  |  | | Embankment, opposite side of the environment to be protected: Stabilization by geotextile membrane and riprap with slope (1V:1.5H) or less. | | | | | | | | | | | | | | | | |
|  |  | | Clearing: Stabilization by vegetation cover with slope (1V:1.5H) or less. | | | | | | | | | | | |  |  | | | |
|  |  | | Clearing: Stabilization with geotextile membrane and riprap with slope (1V:1.5H) or less. | | | | | | | | | | | | | | | | |
|  |  | | Riprap of ditches. | | | | |  | | |  |  | | |  |  | | | |
|  |  | | Below the drainage culverts, stabilize the ground with stones for a distance of X m towards the environment to be protected. | | | | | | | | | | | | | | | | |
|  |  | | Settling ponds shall be constructed upstream of drainage culverts. Requirement to drain the ponds. | | | | | | | | | | | | | | | | |
|  |  | | Settling ponds shall be constructed downstream of drainage culverts. Requirement to drain the ponds. | | | | | | | | | | | | | | | | |
|  |  | | The road surface shall be rounded (cambered) and maintained in this condition until completion of work and transportation of timber. | | | | | | | | | | | | | | | | |
|  |  | | The road surface shall be profiled to channel surface water away from the environment to be protected. | | | | | | | | | | | | | | | | |
|  |  | | The material on the road surface must be coarse-grained. Silty or clay soils are prohibited. | | | | | | | | | | | | | | | | |
|  |  | | A dike (border) shall be created at the edge of the shoulder on the side of the environment to be protected. It shall be maintained until completion of work and transportation of timber. | | | | | | | | | | | | | | | | |
|  |  | | Create a depression (frost boil) at the road surface (*see diagram at p.14 of "Saines* *pratiques - Voiries et installation des ponceaux*"). | | | | | | | | | | | | | | | | |
|  |  | | Raise the road (*see diagram at p.14 of "Saines* *pratiques - Voiries et installation des ponceaux*"). | | | | | | | | | | | | | | | | |
|  |  | | Apply sound road maintenance and culvert installation practices. https://mffp.gouv.qc.ca/documents/forets/entreprise/sainespratiques.pdf | | | | | | | | | | | | | | | | |
|  |  | | Implement the provided terms and conditions in sites of wildlife interest (SFI). | | | | | | | | | | | |  |  | | | |
|  |  | | Do not carry out work during periods of heavy rainfall, or take necessary measures to prevent sediment from entering the environment to be protected. | | | | | | | | | | | | | | | | |
|  |  | | The work must be ongoing. Soil stabilization, road surface water channelling, ditch construction and natural drainage shall be carried out without unreasonable delay from the time of road construction. | | | | | | | | | | | | | | | | |
|  |  | | No cutting of trees or logging equipment between the road in departure and the environment to be protected. | | | | | | | | | | | | | | | | |
|  |  | | No gravel pit between the road in departure and the environment to be protected. | | | | | | |  | | | | |  |  | | | |
|  |  | | Inform the MRNF's MU office of the start of the work. | | | | | | |  | | | | |  |  | | | |
|  |  | | Others: | | | | | | | | | | | | | | | | |
|  |  |  | |  |  | | | |  |  | | |  | | | |  |  | |
|  |  | | | **Project subject to prior authorization under the LCMVF** | | | | | | | | | | | | |  |  | |
|  | LCMVF representative: | | | | |  | | | Signature: |  | | | | | | | | | |
|  | Title: | | |  | | | | | Name (block letters): | | | |  | | | | | | |
|  |  | | |  | | | | |  | | | |  | | | | | | |
|  |  | | | **Project subject to prior authorization under the LQE** | | | | | | | | | | | | |  |  | |
|  |  | | | **Project eligible for a declaration of compliance under the Regulation respecting the regulatory scheme applying to activities on the basis of their environmental impact (REAFIE)** | | | | | | | | |  | REAFIE section: | | | | |  |
|  |  | | | **Project exempted from an authorization under the REAFIE, but whose conditions of completion must be met by the Regulation respecting activities in wetlands, bodies of water and sensitive areas (RAMHHS)** | | | | | | | | | | REAFIE section: | | | | |  |
|  | LQE representative: | | | |  | | | | Signature: |  | | | | | | | | | |
|  | Title: | | |  | | | | | Name (block letters): | | | |  | | | | | | |
|  | Applications for authorization under the LQE and declarations of compliance under the REAFIE must be made through the online service. | | | | | | | | | | | | | | | | | | |
|  |  |  | |  |  | | | |  |  | | |  | | | |  |  | |
|  | Representative of the LADTF/RADF: | | | | | |  | | Signature: |  | | | | | | | | | |
|  | Title: | | |  | | | | | Name (block letters): | | | |  | | | | | | |

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| **Application number:** |  |

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| **11** | **MRNF approval** | | | | | | | | | | |
|  |  | | | | | | | | | | |
|  |  | Yes, this approval is conditional upon compliance with the safeguards described in 6, 10 and 11, subject to the following conditions: | | | | | | | | | |
|  |  | *Conditions:* | |  | | | | | | | |
|  |  |  | |
|  | This departure is valid from | | | | Cliquez ici | to | Cliquez ici | | | | |
|  |  | | | |  |  |  | | | | |
|  |  | **Ministère des Ressources naturelles et des Forêts** | | | | | | |  |  |  |
|  |  |  | | | | | | |  |  |  |
|  |  |  |  | | |  |  | Cliquez ici | | | |
|  |  |  | Management unit head | | |  |  | Date | | | |