

## PERMIT FOR DEVELOPMENT

Pursuant to the *Water Resources Act*, SNL 2002 cW-4.01, specifically Section(s) 39

Date: **JANUARY 11, 2018**

File No: 550-01-01-04-071  
Permit No: PRO9532-2018

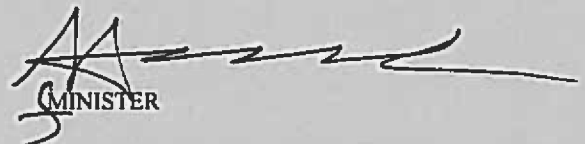
Permit Holder: **Department of Fisheries and Land Resources  
Forest Services Branch  
97 Manitoba Drive, Suite 208  
Clareville, NL A5A 1K8**

Attention: **Tim Andrews**

Re: **George's Brook-Milton - George's Brook PPWSA - Commercial Forestry - Dept. Fisheries and Land Resources**

Permission is hereby given for : commercial forestry activities including 67ha of harvesting (6600m<sup>3</sup> of timber), 4.3km of forestry road construction, and 50.5ha of planting within the George's Brook Protected Public Water Supply Area (used by the Local Service District of George's Brook-Milton) with reference to the application dated December 15, 2017.

- This Permit does not release the Permit Holder from the obligation to obtain appropriate approvals from other concerned municipal, provincial and federal agencies.
- The Permit Holder must obtain the approval of the Crown Lands Administration Division if the project is being carried out on Crown Land.
- This Permit is subject to the terms and conditions indicated in Appendices A and B (attached).
- It should be noted that prior to any significant changes in the design or installation of the proposed works, or in event of changes in ownership or management of the project, an amendment to this Permit must be obtained from the Department of Municipal Affairs and Environment under Section 49 of the *Water Resources Act*.
- Failure to comply with the terms and conditions will render this Permit null and void, place the Permit Holder and their agent(s) in violation of the *Water Resources Act* and make the Permit Holder responsible for taking any remedial measures as may be prescribed by this Department.



MINISTER

APPENDIX A  
Terms and Conditions for Permit

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**PPWSA General**

1. All operations must be carried out in a manner that prevents damage to land, vegetation, and watercourses, and which prevents pollution of bodies of water.
2. Any areas adversely affected by this project must be restored to a state that resembles local natural conditions. Further remedial measures to mitigate environmental impacts on water resources can and will be specified, if considered necessary in the opinion of this Department.
3. All persons working on this project must be informed that they are within a Protected Public Water Supply Area, and must be made aware of all conditions of this Permit. A copy of this Permit must be on site during operations.
4. The attached Completion Report (Appendix C) for Permit No. 9532 must be completed and returned to this Department upon completion of the approved works. Pictures must be submitted along with the completion report, showing the project site prior to and after development.
5. An undisturbed (no cutting or ground disturbance) buffer zone of at least 150 metres shall be maintained around George's Brook for a distance of 1km upstream of intake and 75 metres for the remainder of George's Brook, at least 50 metres along both sides of all streams and main tributaries running into George's Brook including George's Pond, and at least 30 metres around all ponds and along both sides of all other water bodies. Activity or development within these buffer zones is prohibited. All buffer zones must be marked with signs or flagging tape to avoid encroachment into the buffer zones.
6. Equipment storage, maintenance facilities associated with this project, and all maintenance other than emergency repairs must not be located/carried out within the Protected Public Water Supply Area.
7. All waste material is to be collected in refuse containers, and disposed of at an approved waste disposal site outside the Protected Public Water Supply Area in accordance with the *Environmental Protection Act, SNL 2002 cE-14.2.*
8. Any activity within a freshwater body (including wetlands and flood risk areas), requires a Permit under Section 48 of the Water Resources Act, 2002. This Permit refers to Section 39 of the Water Resources Act, 2002 and does not grant permission for the above stated work including fording and/or culvert or bridge installation.
9. The Department reserves the right to require that the Permit Holder follow, and cover all costs incurred by the Permit Holder or this department, associated with any water quality monitoring program that may be ordered by the Minister for the purpose of ensuring that the water quality is maintained within acceptable guidelines.
10. Officials of the Department and the appropriate Municipal Authority, Operator, or Watershed Management Committee may visit the site to ensure compliance with this Permit.
11. Liaison is to be maintained with the appropriate Municipal Authority and Environmental Scientist. If there are any specific problems (ie sedimentation, fuel spill, other potential water quality impairment), the appropriate Chair of the Local Service District Committee must be notified immediately at (709)427-1120. The Environmental Scientist must also be notified immediately at (709)729-4817.
12. Motorized vehicles, including snowmobiles and ATVs, shall not be used to cross the frozen surface of the intake pond within the Protected Public Water Supply Area.
13. The location of the work is highlighted on the Location Map for this Permit attached as Appendix D.
14. This Permit is valid for two years from the date of issue.
15. Any changes in water quality resulting directly from this project, rendering the water unsuitable as a public water supply, are the responsibility of the Permit Holder. The Minister may order the Permit Holder to provide an alternate source of potable water to the affected community until water quality returns to an accepted level.

16. All vehicles and equipment must be in good working order with no leaking fuel, oil, or other harmful substances that could impair water quality.
17. All stationary motorized equipment and fuel tanks shall have metal trays, absorbent pads or impervious liners under them to catch any leaking fuel or oil.
18. Any streams not visible on a 1:50,000 scale map (including field identified streams) shall require a minimum buffer of 30 m.

#### **Commercial Harvesting**

19. Unless listed below, all conditions of the *Guidelines for Forest Operations Within Protected Water Supply Areas*, outlined in the **2013 Environmental Protection Guidelines for Forestry Operations in Newfoundland and Labrador**, must be strictly adhered to.
20. The felling or disposing of trees, parts of trees, sawdust, bark, logging debris or slash into a water body or upon the frozen surface of a water body is strictly prohibited.
21. Drainage from roads and other disturbed areas must be discharged into a settling pond or a vegetated area where all suspended material can settle out before draining into any body of water.
22. The Permit Holder shall post 'No Cutting' signs on designated buffer zones.

#### **Fuel Storage**

23. There shall be no bulk fuel storage associated with this project within the protected water supply area. Fuel shall be brought to the operating area in no more than two (2), 205 litre barrels or one (1) 500 litre slip tank. Refueling sites shall be located at least 150 metres from any water body or wetland. The Permit Holder is hereby informed that fuel storage and handling requires a separate approval under the *Storage and Handling of Gasoline and Associated Products Regulations*, CNR 775/96.
24. A complete oil spill clean-up kit must be on site at all times when gasoline or fuel powered equipment is being used or refueled. The kit must contain the following:
  - Fire pump and 100 metres of hose
  - Two hand operated fuel pumps
  - Six recovery containers such as empty 205 litre drums
  - Four shovels
  - Two pick axes
  - Ten metres of containment boom
  - Twenty-five absorbent pads
  - One hundred litres of loose absorbent material
25. Any spills of gasoline, fuel or oil, regardless of volume, shall be reported immediately to the Environmental Scientist at (709)729-4817 and the appropriate Municipal Authority or Watershed Management Committee at (709)427-1120. Furthermore, all spills in excess of 70 litres shall be reported immediately to the 24 hour spill report line at 1-800-563-9089.
26. Refueling sites shall be located at least 150 metres from any water body or wetland.

#### **Silviculture**

27. If natural reforestation does not occur through natural processes within a reasonable timeframe, planting shall be conducted with a mix of native tree species, predominately Black Spruce, to an average of 2500 stems per hectare.

**APPENDIX B**  
**Special Terms and Conditions for Permit**

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1. The Permit Holder and its agent(s), subcontractor(s), and consultant(s) shall keep all systems and works in good condition and repair and in accordance with all laws, by-laws, directions, rules and regulations of any governmental authority. The Permit Holder or its agent(s), subcontractor(s), or consultant(s) shall immediately notify the Minister if any problem arises which may threaten the structural stability of the systems and works, endanger public safety and/or the environment or adversely affect others and/or any body of water either in or outside the said Project areas. The Permit Holder and its agent(s), subcontractor(s), and consultant(s) shall be responsible for all damages suffered by the Minister and Government resulting from any defect in the systems and works, operational deficiencies/inadequacies, or structural failure.
2. The Permit Holder and its agent(s), subcontractor(s), and consultant(s) shall operate the said Project and its systems and works in a manner which does not cause any water related and/or environmental problems, including but not limited to problems of erosion, deposition, flooding, and deterioration of water quality and groundwater depletion, in or outside the said Project areas. The Permit Holder and its agent(s), subcontractor(s), and consultant(s) shall be responsible for any and all damages associated with these problems caused as a result of changes, deficiencies, and inadequacies in the operational procedures by the Permit Holder or its agent(s), subcontractor(s), or consultant(s).
3. If the Permit Holder or its agent(s), subcontractor(s), or consultant(s) fails to perform, fulfil, or observe any of the terms and conditions, or provisions of this Permit and/or Ministerial orders and guidelines, as determined by this Department, the Minister may, after providing ten (10) day notice to the Permit Holder, amend, modify, suspend or cancel this Permit in accordance with the *Water Resources Act*.
4. The Permit Holder and its agent(s), subcontractor(s), and consultant(s) indemnify and hold the Minister and Government harmless against any and all liabilities, losses, claims, demands, damages or expenses including legal expenses of any nature whatsoever whether arising in tort, contract, statute, trust or otherwise resulting directly or indirectly from granting this Permit, systems and works in or outside the said Project areas, or any act or omission of the Permit Holder or its agent(s), subcontractor(s), or consultant(s) in or outside the said Project areas, or arising out of a breach or non-performance of any of the terms and conditions, or provisions of this Permit by the Permit Holder or its agent(s), subcontractor(s), or consultant(s).
5. This Permit is subject to all provisions of the *Water Resources Act* and any regulations in effect either at the date of this Permit or hereafter made pursuant thereto or any other relevant legislation enacted by the Province of Newfoundland and Labrador in the future.
6. This Permit shall be construed and interpreted in accordance with the laws of the Province of Newfoundland and Labrador.

- cc: Ms. Christa Skinner (E)  
Environmental Scientist, Drinking Water and Wastewater Section  
Water Resources Management Division  
Department of Municipal Affairs and Environment  
P.O. Box 8700  
4th Floor, West Block, Confederation  
St. John's, NL A1B 4J6  
christavskinner@gov.nl.ca
- cc: Ms. Paula Dawe, P.Eng.  
Manager, Drinking Water and Wastewater Section  
Water Resources Management Division  
Department of Municipal Affairs and Environment  
P.O. Box 8700  
4th Floor, West Block, Confederation Building  
St. John's, NL A1L 4J6  
pauladawe@gov.nl.ca
- cc: Local Service District of George's Brook-Milton  
Chairperson  
P.O. Box 5234  
Clareville, NL A5A 3A2

### Appendix C - Completion Report

Pursuant to the *Water Resources Act*, SNL 2002 cW-4.01, specifically Section(s) 39

Date: **JANUARY 11, 2018**

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Attention: **Tim Andrews**

Re: **George's Brook-Milton - George's Brook PPWSA - Commercial Forestry - Dept. Fisheries and  
Land Resources**

Permission was given for : commercial forestry activities including 67ha of harvesting (6600m<sup>3</sup> of timber), 4.3km of forestry road construction, and 50.5ha of planting within the George's Brook Protected Public Water Supply Area (used by the Local Service District of George's Brook-Milton) with reference to the application dated December 15, 2017.

*I (the Permit Holder named above or agent authorized to represent the Permit Holder) do hereby certify that the project described above was completed in accordance with the plans and specifications submitted to the Department of Municipal Affairs and Environment and that the work was carried out in strict compliance with the terms and conditions of the Permit issued for this project.*

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

This completion report must be completed and forwarded to the following address upon completion of the approved work.

Department of Municipal Affairs and Environment  
Water Resources Management Division  
PO Box 8700  
St. John's NL A1B 4J6

APPENDIX D  
 Location Map for Permit



Proposed Resource Development - George's Brook Protected Water Supply



Legend	
	Proposed Road
	TCH
	Paved Roads
	Unpaved Roads
	Resource Roads
	Trails
	Abandon Roads
	George's Brook Water Supply
	Proposed Commercial Harvest
	Proposed Planting
	Waterbodies
	Streets

Area of Com Harvest: 66 ha  
 Harvesting Volume: 5600m<sup>3</sup>  
 Proposed Road: 4.3 km

1:70,000