

PERMIT FOR DEVELOPMENT

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

Date: **OCTOBER 21, 2020**

File No: **550-01-02-07-075**

Permit No: **PRO11361-2020**

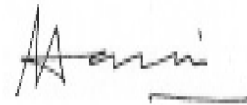
Permit Holder: **Town of Gander
100 Elizabeth Drive
P.O. Box 100
Gander NL A1V 1G7
nnewell@gandercanada.com**

Attention: 

Re: **Gander WSMC-Gander Lake PPWSA-Linear Development-Town of Gander**

Permission is hereby given for : **construction of a hiking trail inside the Gander Lake Protected Public Water Supply Area (used by the towns of Gander, Glenwood and Appleton) with reference to the application dated February 7, 2019.**

- 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 Environment, Climate Change and Municipalities under Section 49 of the *Water Resources Act*.



(for) MINISTER

APPENDIX A
Terms and Conditions for Permit

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. 11361 must be completed and returned to this Department upon completion of the approved works. Photographs must be submitted along with the completion report, showing the project site prior to and after development. Additional photographs of the trail and trail entrances must be submitted every three months following the completion of the approved works for one year post construction.
5. A buffer zone of at least **300 metres** around Gander Lake and at least **100 metres** along both sides of all streams and main tributaries running into Gander Lake shall be maintained when using construction equipment or motorized vehicles. The use of ATVs, UTVs and other motorized vehicles must not be used to aid construction activities in the buffers noted above or used to cross the frozen surface of Gander Lake. All buffer zones must be marked with signs or flagging tape to avoid encroachment into the buffer zones.
6. The proposed trail shall maintain a 50 meter buffer from the high water mark around Gander Lake. This buffer applies to all sections of the trail and associated activities, including manual construction using hand tools.
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. 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.
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 Town Manager/Clerk, Mayor, Chair of the Local Service District Committee, or Chair of the Water Supply Committee must be notified immediately at (709)651-5915. The Environmental Scientist must also be notified immediately at **(709)292-4280**.
12. 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.

13. Treated wood shall not be used for trail construction within 300 meters of Gander Lake.
14. The Permit Holder must inspect the site daily, and any water quality impairment related problems are to be reported immediately to the Environmental Scientist at (709)292-4280 and the appropriate Municipal Authority or Watershed Monitoring Committee at (709)651-5915.
15. The location of the work is highlighted on the Location Map for this Permit attached as Appendix D.
16. This Permit is valid for two (2) years from the date of issue. If required, an application for Permit renewal must be submitted prior to the expiry date.
17. 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.
18. All vehicles and equipment must be in good working order with no leaking fuel, oil, or other harmful substances that could impair water quality.
19. Power saws used within the 300 meter buffer around Gander Lake shall be electric or, if gasoline powered, refueled outside of the buffer. Biodegradable lubricating chain oils must be used when power saws are used within the buffer.
20. Drainage from roads and other disturbed areas into any body of water must first be discharged into a settling pond, a vegetated area or pass through a sedimentation fence where all suspended material can settle out before draining into any body of water.
21. All stationary motorized equipment and associated fuel tanks shall have metal trays, absorbent pads or impervious liners under them to catch and contain in excess of 110 % of the aggregate volume of any fuel, lubricant and oil.
22. Any streams not visible on a 1:50,000 scale map (including field identified streams) shall require a minimum buffer of 30 m.
23. For any clearing inside buffer zones: no ground disturbance (no disturbance to the root mat, no grubbing, or removal of soil) shall take place in the buffer zones. The Permit Holder is to ensure that the appropriate best practices are employed to prevent any detrimental effects that could impact water quality.
24. Where permits, licences, approvals or authorizations are issued by multiple governments departments or agencies, in the case of similar conditions, the more stringent of the those shall prevail; in the case of conflicting conditions, the Permit Holder shall seek clarification and direction in writing from each of the respective departments or agencies.
25. The Permit Holder is required to ensure that adequate sanitary (bathroom) facilities are available or provided on site. This may be in the form of a portable toilet, chemical toilet, pit privy (outhouse), sub-surface disposal system, or municipal sewer system. If a portable toilet or chemical toilet is used, the waste water must be disposed of in a septic disposal system approved by Service NL, or 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. If a pit privy (outhouse) or sub-surface disposal system is used, it must be located outside the required buffers, and be subject to Service NL standards, requirements and approval.
26. The issuance of this permit does not guarantee, nor set precedent, that additional or similar permits or amendments will be issued in this or any other Protected Public Water Supply Area for additional or similar activity or development.
27. 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 culvert or bridge installation.

28. Fill material must be obtained from an approved quarry site. It must not be taken from beaches or streams, and must not be dredged from a body of water.

Trails

29. Deterrents (physical barricades) shall be placed at trail entrances to prevent the use of the trail by ATVs, snowmobiles and other motorized vehicles.

30. Removal of streambank vegetation or trees is not permitted. Overhanging brush that collects snow and blocks ice movement may be pruned and cut back to allow free flow of water.

31. Where sand or gravel is used in the construction of trails, these areas must be closely monitored during and after periods of heavy rainfall for any signs of erosion or washout. Where washouts occur, these sections of trail must be replaced with boardwalks.

32. Trail embankments near watercourses must be adequately protected from erosion by sodding, seeding or placing of rip-rap.

33. The constructed works must comply with all other terms and conditions provided in the Crown Lands grant, lease, or license for occupancy.

34. Permit Holder must avoid construction activities in a wetlands wherever possible.

35. A Trail Development Management Plan must be submitted to this Department prior to commencement of construction. The Plan must include: detailed mapping of trail route and identification of any special drainage features, detailed description of trail construction methods and materials used, and detailed short-term and long-term maintenance plans including closure plan during adverse weather events.

36. A Domestic Wood Harvesting Permit is required from the Regional Services Division of the Forestry Services Branch for any wood cutting activities.

37. The Crown Lands Division must approve all trails on crown land.

38. Heavily travelled areas must be kept well drained to prevent the formation of mud puddles which can contribute to erosion and siltation events.

39. Public trail proponents must be a Local Service District, Municipality or registered as an incorporated company (profit or non-profit) with the Province of Newfoundland and Labrador and be in good standing order.

APPENDIX B
Special Terms and Conditions for Permit

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, as determined by this Department, the Minister may, without notice, 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: Mr. Trent Pollett
Environmental Scientist, Drinking Water
Water Resources Management Division
Department of Environment, Climate Change and Municipalities
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Grand Falls - Windsor, NL
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- cc: Ms. Paula Dawe, P.Eng.
Manager, Drinking Water and Wastewater Section
Water Resources Management Division
Department of Environment, Climate Change and Municipalities
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- cc: Dave Mercer (Central)
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- cc: Town of Gander
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- cc: Town of Glenwood
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Glenwood, NL A0G 2K0
townofglenwood@hotmail.com



Appendix C - Completion Report

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

Date: **OCTOBER 21, 2020**

File No: **550-01-02-07-075**
Permit No: **PRO11361-2020**

Permit Holder: **Town of Gander
100 Elizabeth Drive
P.O. Box 100
Gander NL A1V 1G7
nnewell@gandercanada.com**

Attention: 

Re: **Gander WSMC-Gander Lake PPWSA-Linear Development-Town of Gander**

Permission was given for : **construction of a hiking trail inside the Gander Lake Protected Public Water Supply Area (used by the towns of Gander, Glenwood and Appleton) with reference to the application dated February 7, 2019.**

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 Environment, Climate Change and Municipalities 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 Environment, Climate Change and Municipalities
Water Resources Management Division
PO Box 8700
St. John's NL A1B 4J6

APPENDIX D
Location Map for Permit

