

PERMIT TO ALTER A BODY OF WATER

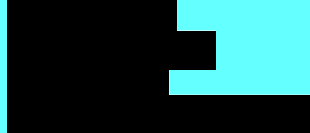
Pursuant to the *Water Resources Act*, SNL 2002 cW-4.01, specifically Section(s) 48

Date: **AUGUST 18, 2020**

File No: **526**

Permit No: **ALT11239-2020**

Permit Holder: **Wayne McNeil**



Attention: **Wayne McNeil**

Re: **Southwest Coast near Macdougalls (Coopers Brook) - Berm construction for flood protection**

Permission is hereby given for : **construction of a berm (9.15m length x 3.05m width x 0.6m height) at the intake of a branch channel of Coopers Brook, as shown in the attached location map in Appendix D, to stop river flow into the branch channel in order to protect houses from flooding located along the left bank of the branch channel, with reference to the application dated July 31, 2020 and additional information received on August 4, August 12, and August 13, 2020.**

- 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*.



(for) MINISTER

APPENDIX A
Terms and Conditions for Permit

Dyke/Berm Construction

1. The slopes along the perimeter of infilled areas must be no steeper than two horizontal to one vertical (2H:1V).
2. A BERM / DYKE may be constructed at the following coordinates: UTM 5291698.62 m N, 330162.67 m E, Zone 21T UTM.
3. The use of creosote treated wood is strictly prohibited within 15 metres of all bodies of fresh water in the province.
4. Drainage ditches must collect and transport surface runoff in a manner that does not cause flooding, erosion or sedimentation of adjacent land or receiving waters.
5. 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.
6. The natural course of any stream must not be altered.
7. Infilling must not disrupt the established surface drainage pattern of the area.
8. 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.
9. Select heavy rocks must be placed along the toe of any infilling to provide slope stability and erosion protection.

Special Conditions

10. The Proponent 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, any and all works or equipment in or outside the said project areas, or any act or omission of the Proponent or its agent(s), subcontractor(s), and 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 Proponent or its agent(s), subcontractor(s), and consultant(s).
11. The Proponent and its agent(s), subcontractor(s), and consultant(s) are fully responsible for any and all works, measures, reservations, exceptions and provisions stated in all terms and conditions of this Permit. The acknowledgement of the receipt of this Permit confirms that the Proponent and its agent(s), subcontractor(s), and consultant(s) agree to accept this Permit and to abide by all terms and conditions, reservations, exceptions and provisions stated this Permit.

General Alterations

12. Any work that must be performed below the high water mark must be carried out during a period of low water levels.
13. Any flowing or standing water must be diverted around work sites so that work is carried out in the dry.
14. Water pumped from excavations or work areas, or any runoff or effluent directed out of work sites, must have silt and turbidity removed by settling ponds, filtration, or other suitable treatment before discharging to a body of water. Effluent discharged into receiving waters must comply with the *Environmental Control Water and Sewage Regulations, 2003*.
15. 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.
16. The use of heavy equipment in streams or bodies of water is not permitted. The operation of heavy equipment must be confined to dry stable areas.
17. All vehicles and equipment must be clean and in good repair, free of mud and oil, or other harmful substances that could impair water quality.
18. The work area must be enclosed and isolated from the rest of the body of water through the use of a filter fabric curtain or similar method to avoid releasing silt and sediment into the body of water.
19. Wood preservatives such as penta, CCA or other such chemicals must not be applied to timber near a body of water. All treated wood or timber must be thoroughly dry before being brought to any work site and installed.
20. 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.
21. The bed, banks and floodplains of watercourses, or other vulnerable areas affected by this project, must be adequately protected from erosion by seeding, sodding or placing of rip-rap.
22. All waste materials resulting from this project must be disposed of at a site approved by the Department of Service NL.
23. Periodic maintenance such as painting, resurfacing, clearing of debris, or minor repairs, must be carried out without causing any physical disruption of any watercourse. Care must be taken to prevent spillage of pollutants into the water.
24. The owners of structures are responsible for any environmental damage resulting from dislodgement caused by wind, wave, ice action, or structural failure.
25. Sediment and erosion control measures must be installed before starting work. All control measures must be inspected regularly and any necessary repairs made if damage is discovered.
26. Fill material must be of good quality, free of fines or other substances including metals, organics, or chemicals that may be harmful to the receiving waters.
27. The attached Completion Report (Appendix C) for Permit No. 11239 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.

28. This Permit is valid for two years from the date of issue. Work must be completed by that date or the application and approval procedure must be repeated.
29. The location of the work is highlighted on the Location Map for this Permit attached as Appendix D.
30. All work must be carried out within the Permit Holder's legal property boundaries.

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.

File No: 526
Permit No: ALT11239-2020

cc: Mark McNeil
Mark McNeil
23 West Haven Drive
Pasadena, NL A0L 1K0
markmcneil@outlook.com

cc: Fisheries Protection Division
Ecosystem Management Branch
Fisheries and Oceans Canada
P.O. Box 5667
St. John's, NL A1C 5X1
FPP-NL@dfo-mpo.gc.ca

cc: Amir Ali Khan, Ph.D., P.Eng.
Manager, Water Rights, Investigations and Modelling 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 A1B 4J6
akhan@gov.nl.ca

cc: Jeff Bannister (Western and Labrador)
Western and Labrador Regional Lands Manager
Crown Lands Administration Division
JeffBannister@gov.nl.ca



Appendix C - Completion Report

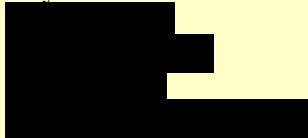
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I (the Permit Holder named above or agent authorized to represent the Permit Holder) do hereby certify that the project described above was completed in accordance with the plans and specifications submitted to the Department of Municipal Affairs and 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

