



Government of Newfoundland and Labrador  
Department of Municipal Affairs and Environment  
Water Resources Management Division

## PERMIT TO ALTER A BODY OF WATER

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

Date: **DECEMBER 21, 2018**

File No: **532-02**  
Permit No: **ALT10060-2018**

Permit Holder: **Department of Fisheries and Oceans Canada  
Small Craft Harbours Branch  
John Cabot Building, 10 Barbers Hill  
St. John's, NL, A1C 5X1**

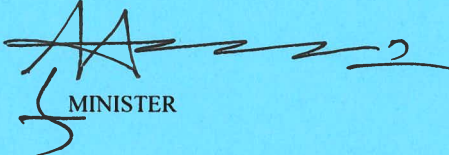
Attention: **Mr. Paul Curran**

Re: **Minor DFO Dredging, Infilling, and Works Projects**

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Permission is hereby given for : **routine dredging or beach grading of 3500 cubic metres or less of primarily sand, gravel, cobble and boulder material in order to provide safe navigation at various Department of Fisheries and Oceans' Small Craft Harbours facilities around the Province of Newfoundland and Labrador as well as the infilling of 500 square metres or less of DFO SCH leased waterlot to construct new or increase existing service/laydown areas at existing DFO SCH facilities, with reference to the application dated November 20, 2018.**

- 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*.

  
MINISTER

GOVERNMENT OF NEWFOUNDLAND AND LABRADOR  
Department of Municipal Affairs and Environment

File No: 532-02  
Permit No: ALT10060-2018

**APPENDIX A**  
**Terms and Conditions for Permit**

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**Dredging**

1. Dredging activity must only be carried out during periods when wind, wave and tide conditions minimize the dispersion of silt and sediment from the work site.
2. The area to be dredged must be enclosed and isolated from the rest of the body of water through the use of a filter fabric curtain or similar method.
3. Dredged material must be disposed of in accordance with the regional Service NL Centre of the Department of Service NL. The Department of Service NL may require samples to be submitted for testing and analysis.

**Infilling**

4. The slopes along the perimeter of infilled areas must be no steeper than two horizontal to one vertical (2H:1V).
5. The constructed works must be inspected regularly so that action can be taken to undertake repairs as required.
6. 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.
7. The natural course of any stream must not be altered.
8. Infilling must not disrupt the established surface drainage pattern of the area.
9. Infilling must not cause increased water elevation upstream or increase flow velocity downstream of the site. Reduction of the natural cross sectional area of any watercourse is not permitted.
10. Before infilling, any vegetation and topsoil must be completely removed and under no circumstances shall it be used as fill material. Topsoil must be stored and reused in final landscaping of the infilled area.
11. The constructed works must comply with all other terms and conditions provided in the Crown Lands grant, lease, or license for occupancy.
12. Select heavy rocks must be placed along the toe of any infilling to provide slope stability and erosion protection.
13. A minimum 15 metre wide vegetated buffer zone must be maintained along the edge of the waterbody in order to provide bank stability and maintain local aesthetics.

**Special Conditions**

14. The Permit Holder must apply for and obtain a separate permit under the Water Resources Act, SNL 2002 cW-4.01, specifically Section 39 <https://assembly.nl.ca/Legislation/sr/statutes/w04-01.htm> for any minor dredging or associated works that may take place within any designated Protected Public Water Supply Area servicing any community as indicated in Water Resources Portal available at <https://maps.gov.nl.ca/water/mapbrowser/Default.aspx>.
15. The Permit Holder may be required to apply for and obtain a separate permit under the Water Resources Act, SNL 2002 cW-4.01, specifically Section 48 <https://assembly.nl.ca/legislation/sr/statutes/w04-01.htm> for any minor dredging or associated works that may take place within any designated flood risk area as indicated at <https://www.mae.gov.nl.ca/waterres/flooding/frm.html>.
16. Any alteration in or near a freshwater body (including wetlands) requires a separate permit under the Water Resources Act, SNL 2002 cW-4.01, specifically Section 48 <https://assembly.nl.ca/legislation/sr/statutes/w04-01.htm>. The Permit Holder must avoid work activities in wetlands wherever possible.
17. A water quality monitoring program is not required at this time. However, the Department reserves the right to require that the Permit Holder sample, analyze, and submit results of water quality tests, for the purpose of ensuring that the water quality

is maintained within acceptable guidelines. All analyses must be undertaken by a CALA accredited laboratory.

18. Suitable booms must be deployed around work sites to contain any floating debris that might otherwise be carried away. All booms must be properly maintained and remain in place until all work is completed.
19. Creosote treated wood must not be used in the construction of any structures in or within 15 metre of any body of water.
20. If a minor dredging or associated work carried out under this Permit does prohibit, restrict or impede public access along the shoreline reservation then the Permit Holder shall restore the shoreline reservation to the satisfaction of the Minister within sixty (60) days of a written notice.
21. For each minor dredging or associated work carried out under this Permit, the Permit Holder must notify this Department via email to [waterinvestigations@gov.nl.ca](mailto:waterinvestigations@gov.nl.ca) or facsimile at (709)729-0320 in accordance with a reporting protocol as deemed necessary and appropriate in the opinion of the Minister. Also, each minor dredging or associated work carried out under this Permit shall be subject to the payment of applicable fee by the Permit Holder as stated in the application fee schedules approved by the Minister.
22. The acknowledgment of the receipt of this Permit by the Permit Holder constitutes the acceptance of this Permit and its terms and conditions and requirements stated in Appendices A, B and C.
23. At the end of each year, the permit holder submits a report of all the work done under this permit along with the applicable fees incurred during the period.

#### **General Alterations**

24. Any work that must be performed below the high water mark must be carried out during a period of low water levels.
25. Any flowing or standing water must be diverted around work sites so that work is carried out in the dry.
26. 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*.
27. 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.
28. 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.
29. 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.
30. During the construction of concrete components, formwork must be properly constructed to prevent any fresh concrete from entering a body of water. Dumping of concrete or washing of tools and equipment in any body of water is prohibited.
31. 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.
32. 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.
33. 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.
34. All waste materials resulting from this project must be disposed of at a site approved by the Department of Service NL.
35. 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.
36. The owners of structures are responsible for any environmental damage resulting from dislodgement caused by wind, wave, ice action, or structural failure.

37. 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.
38. 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.
39. The attached Completion Report (Appendix C) for Permit No. 10060 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.
40. This Permit is effective January 1, 2019 and shall expire on December 31, 2020 or earlier if modified, suspended or cancelled by the Minister. Also, this Permit may be renewed by the Minister for such renewal term as the Minister deems appropriate, on such terms and conditions as the Minister considers appropriate and in the public interest, provided the Permit Holder applies for the renewal at least ninety (90) days before the expiry of this Permit.
41. All work must be carried out within the Permit Holder's legal property boundaries.

GOVERNMENT OF NEWFOUNDLAND AND LABRADOR  
Department of Municipal Affairs and Environment

File No: 532-02  
Permit No: ALT10060-2018

**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, 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: 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: File Copy for Binder
- cc: Mr. Ken Russell (Labrador)  
Manager of Operations, GSC - Happy Valley-Goose Bay, Service NL  
Government Service Centre  
2 Tenth Street, P.O. Box 3014, Stn. B  
Happy Valley-Goose Bay, NL A0P 1E0  
krussell@gov.nl.ca
- cc: Mr. Rick Curran (Eastern)  
Director of Regional Operations Avalon , Service NL  
149 Smallwood Drive, Mount Pearl  
PO Box 8700  
St. John's NL A1B 4J6  
rjcurran@gov.nl.ca
- cc: Mr. Robert Locke  
Manager of Operations and Environmental Protection, GSC - Mount Pearl, Service NL  
P.O. Box 8700  
St. John's, NL A1B 4J6  
rlocke@gov.nl.ca
- cc: Mr. Wayne Lynch (Central)  
Regional Director (Central)  
Service NL  
P.O. Box 2222  
Gander, NL A1V 2N9  
waynelynch@gov.nl.ca
- cc: Ms. Susan Hoddinott (Western/Labrador)  
Regional Director  
Service NL  
PO Box 2006  
Corner Brook NL A2H 6J8  
SusanHoddinott@gov.nl.ca
- cc: Marine Safety  
Transport Canada, Atlantic Regional Headquarters  
Airports, Harbours and Ports, and Environmental Services  
95 Foundry St.  
P.O. Box 42  
Moncton, NB E1C 8K6  
NPPATL-PPNATL@tc.gc.ca
- cc: Mark McNeil  
Public Works and Government Service Canada  
Suite 204, 1 Regent Square  
Corner Brook, NL A2H 7K6  
mark.mcneil@pwgsc-tpsgc.gc.ca
- cc: Mr. Shawn Kean  
Environmental Services  
Public Works & Government Services Canada

John Cabot Building, 10 Barter's Hill  
P.O. Box 4600  
St. John's, NL A1C 5T2  
shawn.kean@pwgsc.gc.ca



Government of Newfoundland and Labrador  
Department of Municipal Affairs and Environment  
Water Resources Management Division

### Appendix C - Completion Report

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

Date: **DECEMBER 21, 2018**

File No: **532-02**  
Permit No: **ALT10060-2018**

Permit Holder: **Department of Fisheries and Oceans Canada  
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Attention: **Mr. Paul Curran**

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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