

APPENDIX I

DFO LETTER OF ADVICE



Fisheries and Oceans
Canada

Pêches et Océans
Canada

Ontario and Prairie Region
Fish and Fish Habitat Protection Program
867 Lakeshore Rd.
Burlington, ON
L7S 1A1

Région de l'Ontario et des Prairies
Programme de protection du poisson et de son habitat
867 chemin Lakeshore
Burlington, ON
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July 11, 2025

Our file Notre référence
25-HCAA-01315

City of Winnipeg
Connor Fedorchuk
1199 Pacific Avenue
Winnipeg, MB, R3E 3S8

Subject: Bridge Replacement, Brokenhead River, Springfield (25-HCAA-01315) – Implementation of Measures to Avoid and Mitigate the Potential for Prohibited Effects to Fish and Fish Habitat

Dear Connor Fedorchuk:

The Fish and Fish Habitat Protection Program (the Program) of Fisheries and Oceans Canada (DFO) received your proposal on June 26, 2025. We understand that you propose to:

- Replace the existing 9.3m long by 3.7m wide single-track two-span timber girder railway bridge with a 20m long by 5.6m wide single span plate girder bridge supported by concrete abutments resulting in an approximate footprint of 260m² below the high water mark.
- Work in isolation of flow to avoid sedimentation of the watercourse.

In addition, the following aquatic species are subject to the *Aquatic Invasive Species Regulations* and may be found in the vicinity of your proposed work, undertaking, or activity:

- Zebra Mussel.
- Spiny Waterflea.

Our review considered the following information:

- Request for Review form and associated documents submitted on June 26, 2025.

Your proposal has been reviewed to determine whether it is likely to result in:

- the death of fish by means other than fishing and the harmful alteration, disruption or destruction of fish habitat which are prohibited under subsections 34.4(1) and 35(1) of the *Fisheries Act*;

- effects to listed aquatic species at risk, any part of their critical habitat or the residences of their individuals in a manner which is prohibited under sections 32, 33 and subsection 58(1) of the *Species at Risk Act*; and
- the introduction of aquatic species into regions or bodies of water frequented by fish where they are not indigenous, which is prohibited under section 10 of the *Aquatic Invasive Species Regulations*.

The aforementioned impacts are prohibited unless authorized under their respective legislation and regulations.

To avoid and mitigate the potential for prohibited effects to fish and fish habitat (as listed above), we recommend implementing the measures listed below:

- Carry out the project in accordance with [timing windows](#);
- Capture fish trapped within an isolated or enclosed area and relocate them to the same watercourse or water body;
 - Dewater gradually to reduce the potential for stranding fish;
 - Capture and relocate any fish as per applicable permits;
- Screen intake pipes during all phases of the project;
 - Use interim code of practice: [End-of-pipe fish protection screens for small water intakes in freshwater](#);
- Maintain a functioning vegetated riparian zone between the project site and the ordinary high water mark;
 - Limit access to shorelines and banks or areas adjacent to the watercourse or water body;
 - Construct roads, access points and approaches perpendicular to the watercourse or water body;
 - Re-vegetate the affected riparian zone with native species suitable for the project site;
- If replacement rock reinforcement/armouring is required to stabilize eroding areas around bridge structures (e.g., abutments and/or wing walls), the following measures should be incorporated:
 - Place appropriately-sized, clean rocks into the eroding area;
 - Do not obtain rocks from below the ordinary high water mark of any water body;
 - Ensure rock does not interfere with fish passage or constrict the channel width;
- Restore the bed and banks, gradient and contour affected by the project;
- Develop and implement an erosion and sediment control plan for all phases of the project;
 - Conduct all operations in isolation of open or flowing water;
 - Follow [Interim in-water site isolation](#)

- Regularly observe the watercourse or water body for signs of suspended sediment during all phases of the project and take corrective action when and where required;
- Develop a plan to prevent deleterious substances from entering a watercourse or water body.
- Aquatic invasive species are introduced and spread through transporting water, sands and sediments and using contaminated construction equipment. To prevent the spread of aquatic invasive species during construction in aquatic environments:
 - Ensure all equipment arrives on site clean and free of invasive species;
 - Clean, drain and dry any equipment used in the water; and,
 - Never move organisms or water from one body of water to another.

Provided that you incorporate these measures into your plans, the Program is of the view that your proposal is not likely to result in the contravention of the above mentioned prohibitions and requirements.

Should your plans change or if you have omitted some information in your proposal, further review by the Program may be required. Consult our website ([Projects near water \(dfo-mpo.gc.ca\)](http://Projects%20near%20water%20(dfo-mpo.gc.ca))) or consult with a qualified environmental consultant to determine if further review may be necessary. It remains your responsibility to remain in compliance with the *Fisheries Act*, the *Species at Risk Act*, and the *Aquatic Invasive Species Regulations*.

It is also your *Duty to Notify* DFO if you have caused, or are about to cause, the death of fish by means other than fishing and/or the harmful alteration, disruption or destruction of fish habitat. Such notifications should be directed to DFO.OPHabitat.MPO@dfo-mpo.gc.ca or 1-855-852-8320.

We recommend that you notify this office at least 10 days before starting your project and that a copy of this letter be kept on site while the work is in progress. Send your notification to the DFO 10 day notification mailbox: DFO.OP.10DayNotification-Notification10Jours.OP.MPO@dfo-mpo.gc.ca. It remains your responsibility to meet all other federal, territorial, provincial and municipal requirements that apply to your proposal.

If you have any questions with the content of this letter, please contact Tyler Peat at Tyler.Peat@dfo-mpo.gc.ca. Please refer to the file number referenced above when corresponding with the Program.

Yours sincerely,

A handwritten signature in black ink that reads "Tyler Peat". The signature is written in a cursive style with a long horizontal flourish extending to the right.

Tyler Peat
Biologist, Triage and Planning
Fish and Fish Habitat Protection Program