



**Environment Environnement
Canada Canada**

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Our file: 4703 003

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Via Email at licensing@nwb.nunavut.ca

**RE: NWB4DUV – Community Government & Services – Duval Bridge Repairs,
Pangnirtung, NU**

On behalf of Environment Canada (EC), I have reviewed the information submitted with the above-mentioned application. The following specialist advice has been provided pursuant to Environment Canada's mandated responsibilities for the enforcement of the *Canadian Environmental Protection Act*, Section 36(3) of the *Fisheries Act*, the *Migratory Birds Convention Act*, and the *Species at Risk Act*.

Jivko Engineering Ltd., on behalf of Community Government and Services, Government of Nunavut, is proposing to complete temporary repairs on the Duval River Bridge in Pangnirtung, NU. The temporary repairs will consist of stabilizing the abutments by placing 300 cubic meters of assorted boulders in the scored areas on the east abutment. These repairs are considered urgent as without the support, the piles will likely buckle and the bridge collapse into the river during spring melt. Details regarding the construction of a permanent solution will be submitted for review. in the future

Environment Canada recommends that following conditions be applied throughout all stages of the project:

- The proponent shall not deposit, nor permit the deposit of any fuel, chemicals, wastes or sediment into any water body. According to the Fisheries Act, Section 36(3), the deposition of deleterious substances of any type in water frequented by fish, or in any place under any conditions where the deleterious substance, or any other deleterious substance that results from the deposit of the deleterious substance, may enter any such water, is prohibited.
- Materials shall not be stored on the surface ice of the Duval River or any other lakes or streams, except that which is for immediate use.
- The proponent shall take measures to prevent erosion of the river bed and/or banks and the resulting sedimentation of the river. Preventative measures, such as the use of silt curtains or fences, should be employed where required. Further, any material to be placed in the river shall be clean and free of fines.
- Environment Canada recommends that any boulders or other materials to be used during the bridge repairs be stored above the high water mark of the river.
- All spills are to be documented and reported to the NWT/Nunavut Spill Line at (867) 920-8130.
- Equipment used during the bridge repairs should be refueled above the high water mark of the river. Drip pans, or other similar preventative measures, should be used when refueling equipment.



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If there are any changes in the proposed project, EC should be notified, as further review may be necessary. Please do not hesitate to contact me with any questions or comments with regards to the foregoing at (867) 975-4639 or by email at colette.meloche@ec.gc.ca.

Yours truly,

Original signed by

Colette Meloche
Environmental Assessment / Contaminated Sites Specialist

cc: (Mike Fournier, Northern Environmental Assessment Coordinator, Environment Canada, Yellowknife)
(Jim Wall, Technical Advisor (Municipal), Nunavut Water Board, Cambridge Bay)