



Environment Canada
Environnement Canada

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Rita Becker
Licensing Administrator
Nunavut Water Board
P.O. Box 119
Gjoa Haven, NU X0B 1J0

Our file: 4517 000 005

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Re: Technical comments on Hydraulic Assessment and Fish and Habitat Assessment for Proposed Watercourse Crossings near Kugaaruk - NWB4PEL- Jivko Engineering for the Community Government and Transportation - Aliaruhik River Crossings Kugaaruk (Pelly Bay), Nunavut.

On behalf of Environment Canada (EC), I have reviewed the documents "Fish and Habitat Assessment of Three Watercourses near Kugaaruk" and "Hydraulic Assessment of Proposed Aliaruhik River Crossing, Kugaaruk, NU". Our contribution to the assessment of this project is based primarily on Environment Canada's mandated responsibilities for the enforcement of the *Canadian Environmental Protection Act (CEPA)*, section 36 of the *Fisheries Act*, the *Canadian Wildlife Act*, and the *Migratory Birds Convention Act*.

Environment Canada's concerns have been addressed in terms of the proponent conducting a hydraulic assessment for the proposed crossings. As the results have indicated within the Golder and Associates "Hydraulic Assessment of Proposed Aliaruhik River Crossing" technical report all the proposed water crossings should be constructed to withstand a 1:100 year event. EC concurs with these findings.

Unfortunately, the request for an options analysis, for other types of supporting structures, was not fulfilled, due to the fact that the crossing have been constructed. The intent of the request was to ensure that the best available option could be chosen, so that long term safety and structural stability was attained.

Please do not hesitate to contact me with any questions at (867) 975-4639 or by email at lawrence.ignace@ec.gc.ca.

Sincerely,

Lawrence Ignace
Environmental Assessment Specialist

cc: Paula Pacholek, (Northern Environmental Assessment Coordinator, EPB)

