



Environmental Protection Operations Directorate  
Prairie & Northern Region  
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P.O. Box 2310  
Yellowknife, NT X1A 2P7

ECCC File: 5200 000 013/009  
IWB File: N3L1-1839

November 24, 2017

Via email to: [semmlerm@inuvwb.ca](mailto:semmlerm@inuvwb.ca)

Mardy Semmler  
Executive Director  
Inuvialuit Water Board  
P.O. Box 2531  
Inuvik, NT X0E 0T0

Dear Mardy Semmler:

**RE: N3L1-1839 – Hamlet of Aklavik – Bridge Construction and Culvert Installation Application Package**

Environment and Climate Change Canada (ECCC) has reviewed the information submitted to the Inuvialuit Water Board (IWB) regarding the above-mentioned proposed project and is submitting comments via email as requested by the IWB. ECCC's specialist advice is provided based on our mandate, in the context of the *Canadian Environmental Protection Act*, the pollution prevention provisions of the *Fisheries Act*, the *Migratory Birds Convention Act*, and the *Species at Risk Act*.

The following comments are provided:

**Erosion and Sediment Control Plan – Monitoring**

In addition to the monitoring described in Section 4.2 of the Erosion and Sediment Control Plan (Site Monitoring), upstream and downstream water quality/turbidity monitoring should also be conducted. Monitoring should continue until results demonstrate that there will be no erosion and/or water quality issues in order to mitigate any potential changes to the aquatic environment.

ECCC recommends that the Proponent:

- monitor erosion, sediment control and water quality during the construction and post-construction phases;
- include water quality/turbidity monitoring upstream and downstream of water crossings and action levels (triggers) and management responses for potential erosion, sedimentation and water quality issues in the Erosion and Sediment Control Plan; and
- record environmental conditions at the time of monitoring to assist in the interpretation of monitoring results.

Should you require further information, please do not hesitate to contact me at (867)669-4732 or [Emily.Nichol@canada.ca](mailto:Emily.Nichol@canada.ca).

Sincerely,

*[original signed by]*

Emily Nichol  
Environmental Assessment Coordinator

cc: Bradley Summerfield, Senior Environmental Assessment Coordinator  
Georgina Williston, Head, Environmental Assessment North (NT and NU)