



Fisheries and Oceans Canada  
Pêches et Océans Canada

301- 5204-50<sup>th</sup> Avenue  
Yellowknife, NT  
X1A 3K5

September 11, 2014

*Your file*      *Votre référence*  
3BM-CHE1013

*Our file*      *Notre référence*  
14-HCAA-01215

Megan Lusty  
Municipal Planning Engineer-In-Training  
Community and Government Services  
Kivalliq Region, Government of Nunavut  
P.O. Box 490, Rankin Inlet  
NU, X0C 0G0

Dear Ms. Lusty:

**Subject: Type B Water Licence Renewal; Hamlet of Chesterfield Inlet**

The Fisheries Protection Program (the Program) of Fisheries and Oceans Canada (DFO) received your request on behalf of the Hamlet of Chesterfield Inlet on August 13, 2014. Condition 4 of Water Licence 3BM-CHE1013 which states that “The Licensee shall provide confirmation to the Nunavut Waterboard (NWB) within ninety days (90) of Licence issuance and following consultation with Fisheries and Oceans Canada, on the fish bearing status of the wetland treatment area”. DFO is providing the requested advice to fulfil our obligations under this Water Licence.

Based on the limited information available on the wetland treatment area DFO is unable to confirm if the wetland area is fish-bearing, however the presence of emergent vegetation in the form of willows, shallow water depths (no over wintering habitat) and lack of connectivity suggests that the wetland treatment area may provide limited opportunities for fish use. DFO recommends that an environmental consultant with expertise in fish sampling and fish habitat assessment in the north be retained to carry out fish sampling and fish habitat mapping to confirm fish presence or absence. Fish sampling methodologies such as minnow traps and electrofishing are fish sampling methodologies may be considered, to complement fish habitat mapping. Fish habitat mapping should also give consideration to the connectivity of the wetland treatment area to other lakes and rivers which may be fish bearing as well as the presence of natural barrier which may restrict fish movement. Generally a minimum of 2 years of fish sampling is required to confirm whether a waterbody is fish bearing and the sampling must be carried out at the appropriate time of year.

If you have any questions or require further clarification please feel free to contact Georgina Williston at (867) 669-4927 or by email at [Georgina.Williston@dfo-mpo.gc.ca](mailto:Georgina.Williston@dfo-mpo.gc.ca).

Yours sincerely,

A handwritten signature in blue ink, appearing to read 'Stu Niven', with a stylized flourish at the end.

Stu Niven  
A/Manager, Mining, Oil and Gas  
Fisheries Protection Program  
Central and Arctic Region

Cc: Phyllis Beaulieu- Nunavut Water Board