



Water Resources Division  
Nunavut Regional Office  
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**Refer: 3BC-NWT – New Water License Application – Defence R&D Canada  
– Northern Watch Technology Demonstration**

Indian and Northern Affairs Canada (INAC) reviewed the Type B Water License Application for the commercial use of water and deposit of waste as submitted by Defence R&D Canada (DRDC) for their Northern Watch Technology Demonstration program in the Qikiqtani Region. In conducting our review, INAC has referred to the documents on the NWB's FTP-site under 3BC-NWT.

INAC recommends that the Nunavut Water Board take into consideration the following comments when reviewing this licence application:

**Deposit of Waste:**

- INAC recommends that DRDC obtain written authorization from the Hamlet of Resolute for the disposal of solid waste in the Resolute landfill.
- Grey water from the camp should be contained in a properly constructed sump with enough freeboard to avoid overland flow and seepage. Sumps should be located a minimum distance of thirty (30) metres from the ordinary high water mark of any water body and covered when abandoned.

**Fuel Storage:**

- All fuel should be stored a minimum distance of 30 metres from any streams or bodies of water, preferably in an area of low permeability.
- Fuel drums that are expected to be stored for an extended amount of time (diesel for the generator which the applicant has indicated will be stored on site throughout the winter) should be stored on pallets to avoid the bottoms rusting out. Fuel drums should be situation in a manner that allows easy access for inspection and removal of containers in the event of leaks or spills.



## Spill Plan:

INAC recommends that the Spill Plan be amended to include the following;

- The INAC Water Resources Inspectors correct phone number: (867) 975-4295
- The camp supervisors 24 hour contact number
- MSDS sheets be attached to the spill plan

INAC thanks the Nunavut Water Board for the opportunity to review the new water license application as submitted by Defence R&D Canada for their Northern Watch Technology Demonstration program (3BC-NWT). Should you have any questions or comments, please do not hesitate to contact me at (867) 975-4566 or by email at [trenholmt@inac.gc.ca](mailto:trenholmt@inac.gc.ca)

Sincerely,

Originally signed by

Tanya Trenholm  
Pollution Policy Specialist

Cc. Jim Rogers, Manager of Water Resources – Indian and Northern  
Affairs Canada