



Environment Environnement  
Canada Canada

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Our file: 4782 021

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*Via Email*

**RE: NWB3RES - Hamlet of Resolute Bay Water License**

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*.

The Hamlet of Resolute Bay, NU is seeking a five-year water license, valid through 2008 to obtain water for municipal use from Char Lake, located 1.5 km west of the community.

The following information is required in order to facilitate the review of this application:

- A map detailing the location of the sampling locations used during the water quality monitoring program.
- Detailed drawings of the solid waste disposal area and sewage treatment systems.

The following recommendations have been included for your consideration and inclusion in the water license:

- Environment Canada recommends that the current solid waste site be fenced to prevent windblown debris from being scattered.
- A DIAND inspection report (dated September 27, 2001) indicates that there is a significant amount of exposed waste at the toe of the solid waste facility. Despite the absence of any observable leachate flowing from this site, EC recommends that the municipality cover and compact this exposed garbage, as ample cover material is available.
- Environment Canada recommends that as cover material is so abundant, the entire waste disposal facility be covered on a weekly or bi-weekly basis, as opposed to the monthly covering that is currently occurring.
- The water license application indicates that the current waste disposal area is too close to the high tide line on Resolute Bay. Environment Canada recommends that a berm, or other such preventative measure, be constructed along this side of the waste disposal area to prevent any leachate from entering the marine environment. 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.

- The proponent shall ensure that any improvements made to the existing utilidor system do not significantly degrade the quality of sewage discharged. This includes decreasing the number of bleeds on the system, which may increase the strength of the sewage being discharged (through decreased dilution).
- Environment Canada requests information regarding the design of any new waste disposal area, and requests a copy of the abandonment and restoration plan for the existing waste disposal facility.
- All spills must be documented and reported to the NWT Spill Line at (867) 920-8130.
- Environment Canada recommends that the proponent segregate hazardous waste from the general waste stream and ensure that any hazardous wastes are disposed of at an approved facility.

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](mailto:colette.meloche@ec.gc.ca).

Yours truly,

***Original signed by***

Colette Meloche  
Environmental Assessment Specialist

cc: (Mike Fournier, Northern Environmental Assessment Coordinator, Environment Canada, Yellowknife)