



Environmental Protection Branch
Qimugjuk Building 969, P.O. Box 1870
Iqaluit, NU X0A 0H0
Tel: (867) 975-4631
Fax: (867) 975-4645

Our file: 4703 000

25 July 2005

Phyllis Beaulieu
Manager of Licensing
Nunavut Water Board
P.O. Box 119
Gjoa Haven, NU X0B 1J0
Tel: (867) 360-6338
Fax: (867) 360-6369

Via Email

RE: NWB3QIK0106 – 2004 Annual Report

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*.

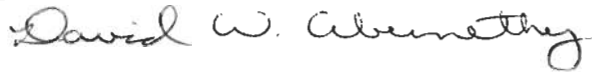
The Municipality of Qikiqtarjuaq has submitted its 2004 Annual Report pertaining to water use for review by the Nunavut Water Board as required under their current water licence, Part B, Item 1. The 2004 Annual Report outlines the monthly and annual intake of water from the Tulugak River or reservoir and the volume of sewage disposed of at the sewage lagoon. The annual total of both water intake and sewage disposal for 2004 was recorded as 19,957 m³ (1m³ equals 1,000 L).

The Municipality of Qikiqtarjuaq's sewage disposal facility has contended with operational issues for quite some time, dating to its 2001 water licence inspection report. The faecal coliform and biological oxygen demand levels breach the effluent quality standards (Part D, item 2) set under Water Licence NWB3QIK0106. Further, there are excessive concentrations of ammonia and phenols according to the *Canadian Water Quality Guidelines for the Protection of Freshwater Aquatic Life* which warrant attention. Environment Canada recommends that the operational issues of the sewage lagoon be resolved as soon as possible. The inspection of the municipality's sewage treatment system by an authorized engineer with the purpose of learning how to mitigate these operational issues is strongly encouraged by EC. Please be advised that according to section 36 (3) of the *Fisheries Act*, 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.



If there are any changes in the 2004 Annual Report for the Municipality of Qikiqtarjuaq's water licence (NWB3QIK0106), EC should be notified, as further review may be necessary. Please do not hesitate to contact me if you have any questions or comments with regards to the foregoing at (867) 975-4631 or by email via david.abernethy@ec.gc.ca.

Regards,

A handwritten signature in cursive script that reads "David W. Abernethy".

David W. Abernethy

Environmental Assessment Technician