



Water Resources Division  
Nunavut Regional Office  
Iqaluit, NU X0A 0H0

NWB file: 2BE-KIR0812  
CIDMS#: 344482

July 20, 2009

Richard Dwyer  
License Administrator  
P.O. Box 119  
Gjoa Haven, NU, X0A 1J0

**Re: 2BE-KIR0812– Annual Report, 2008 – Triex Minerals Corp. – Kirwan  
Lake Project**

Please be advised that Indian and Northern Affairs Canada (INAC) has completed a review of 2BE-KIR0812 Type “B” Water License 2008 Annual Report for the Kirwan Lake Project. The NWB circulated the Report for information purposes only, on July 7, 2009. All associated documents related to this license posted on the NWB ftp site under 2BE-KIR were included in my review (see attached Technical Review Memo).

Should you have any questions or comments, please do not hesitate to contact me at (867) 975-4738 or by email at [Andrea.Cull@inac.gc.ca](mailto:Andrea.Cull@inac.gc.ca).

Yours truly,

*Original Signed By*

Andrea Cull  
Water Management Specialist

Cc: Kevin Buck – Water Resources Manager, INAC



## **Technical Review Memorandum**

**To:** Richard Dwyer – License Administrator, NWB  
Peter Kusugak – Field Operations Manager, INAC  
Melissa Joy – Water Inspector, INAC  
Anna North – Triex Minerals Corp.

**From:** Andrea Cull – Water Management Specialist, INAC

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**Re:** **2BE-KIR00812 – Annual Report, 2008 – Triex Minerals Corp. – Kirwan Lake Project**

The 2008 Annual Report submitted by Triex Minerals Corp. (Anna North) addressed many of the requirements of Part B, Item 2 of the current water license # 2BE-KIR0812. However, it was noted that the following information was not provided in the 2008 Annual Report.

Part B: Item 2, (a) of the water license requires a summary report of water use and waste disposal activities and, as per Item 2 (b), a list of unauthorized discharges and a summary of follow-up actions taken. The report does not reference any activities such as water use, sewage disposal, drill waste management and associated water use, solid and hazardous waste management and greywater management. No unauthorized discharges were reported in the report. It should be clearly stated in the report as to whether or not there have been any unauthorized discharges.

Par B: Item 2, (d) requires a description of all progressive and or final reclamation work undertaken, including photographic records of site conditions before, during and after completion of operations. There are no photos included in the 2008 Annual Report of any of the drill sites indicating reclamation at any of these sites. There is a small brief description of information provided in respect to abandonment and restoration or temporary closing. In the description provided in the annual report it notes that fuel drums will be removed from the site. INAC recommends that the proponent submit copies of all manifest forms related to the transport of hazardous waste/ waste oil as part of the Annual Report for this site.

Part B: Item 2, (e) requires a summary of all information requested and results of the Monitoring Program. According to Part J, Item 9 of the water



license the licensee shall include in the Annual Report all data, monitoring results and information required by Part J of the water license. For example there is no record of measurements/record in cubic metres of the daily quantities of water utilized for camp, drilling and other purposes; GPS co-ordinates of all locations where sources of water are utilized for all purposes; GPS co-ordinates of all locations where wastes associated with camp operations and drilling operations are deposited.

The Nunavut Water Board should advise the Proponent that all required items under Part B, item 2 should be addresses to complete the annual report. However, if no work occurred on the above activities, then it's the Proponent's responsible to report this in the annual report.

INAC's 2008 inspection of the Kirwan Lake Project has been taken into consideration as part of the 2008 Annual Report review. The inspection took place as the camp was shutting down and as a result there were no water samples taken in 2008. The INAC inspector noted that there were no mercury spill kits for domestic UV water filter, no secondary containment for fuel in large cache areas (bermed only), saturated ground susceptible to erosion and greywater, and need to submit hazardous wastes manifest upon cleanup. The NWB should require the Proponent to address all of these issues and include results in the next annual report.

An inspection is required by INAC during the 2009 field season to follow up on last year's inspection report.

This information has been forwarded to our Field Operations Unit

*Cc: Kevin Buck – Water Resources Manager, INAC*