



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

NWB File: 3BM-BAK1015
CIDMS #: 917027

May 15, 2015

Re: 3BM-BAK1015 – Water License Renewal Application – Hamlet of Baker Lake.

Please be advised that the Water Resources Division of Aboriginal Affairs and Northern Development Canada (AANDC) have completed a review of the water license renewal application for 3BM-BAK1015, Hamlet of Baker Lake. The NWB circulated the water license renewal application for comments on April 15, 2015. All documents related to the application posted on the NWB ftp site under 3BM-BAK1015 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) 975-4282 or by email at Ian.Parsons@aandc-aadnc.gc.ca.

Sincerely,

Original signed by

Ian Parsons, B.Sc.
Regional Coordinator

c.c. Andrew Keim, A/Manager Water Resources Division, AANDC Nunavut
Regional Office (NRO)
Erik Allain, Manager Field Operations, AANDC, NRO.



Technical Review Memorandum

Recommendations/Comments

- 1) Given that the Hamlet of Baker Lake is not applying for more water use, water use currently set at 100,000m³, and the Hamlet has indicated that they will apply for a licence amendment in 2037 for an increase in water use. At this time water use will be approximately 112,000 m³. Therefore AANDC is not in support of a 22 year water licence renewal for the Hamlet of Rankin Inlet and would rather support a 15 year term to 2030. This is the year in which water use is predicted to be over 100,000 m³.
- 2) AANDC notes there are missing or incomplete administrative reports including annual (monitoring data for all years) and quarterly reports for this water licence since the renewal in 2010. AANDC recommends that the Hamlet provide the missing information or justification as to why it has not been submitted to the NWB.
- 3) AANDC notes that there are still many non-compliance issues outstanding in regards to the water licence (i.e., Water quality monitoring as well as others). AANDC recommends that the applicant work towards compliance working with the AANDC inspector.
- 4) AANDC also notes that during the last licence term (2010-2015) the discharge quality of the effluent is not meeting water license requirements at Station 5 (Inflow to Finger Lake) and Station 2 (Outflow to Airplane Lake). AANDC recommends that the applicant provide to the NWB how they intend to come into compliance with the licence requirements/parameters set by the NWB.
- 5) AANDC notes that during the last licence term (2010-2015) the Hamlet undertook some upgrades to the sewage disposal facility. AANDC recommends that the applicant provide documentation to the NWB that outlines how these upgrades have improved the sewage disposal facility given that non-compliance with water licence parameters still exist.
- 6) AANDC recommends that efforts should be made to segregate the different types of wastes being deposited into the solid waste facility as well as properly storing and disposing of all hazardous wastes as per the Government of Nunavut Environmental Guideline for General Management of Hazardous Waste in Nunavut.
- 7) AANDC notes that the Abandonment and Restoration Plan (A&R), Operation and Maintenance Plan (O&M) as well as inspection reports indicate



that there is no control or attempt to control several leaks and spills from the Hazardous Wastes area of the Solid Waste Facility as well as any associated runoff from the solid waste facility. AANDC recommends that the applicant submit a plan to the NWB indicating how they intend to stop the runoff of contaminants from the solid waste facility into the environment.

- 8) AANDC requests that the proponent change contact information for reporting all spills to Manager of Field Operations, phone: 867-975-4295, fax 867 975-6445 as well as the Nunavut Spill Report Line and recommends that the spill contingency plan be employed whenever leaks or spills are found to be occurring.