



October 20, 2014

Mr. Fred Behrens
Senior Administrative Officer
Hamlet of Aklavik
P.O. Box 88
Aklavik, NT X0E 0A0

RE: N3L3-0570 - HAMLET OF AKLAVIK, MUNICIPAL WATER LICENCE APPLICATION RENEWAL

The Inuvialuit Water Board (IWB) acknowledges receipt of the Hamlet of Aklavik's (Applicant) Water Licence renewal application. The IWB has completed an initial review and completeness check of the submittal. The following information is required to address identified gaps in the submittal of the application.

1. The Applicant shall provide a description of any public consultation and data gathering methodologies that has been completed to obtain feedback on the proposed undertaking from the community.
2. As noted on page 5 of the "2012 Hamlet of Aklavik – Operation and Maintenance Plan: Solid Waste and Lagoon", an evaluation of the existing solid waste management needs for the community was completed by Dillon Consulting in March 2009 titled, "Solid Waste Site Evaluation". The Applicant shall provide this document to the IWB to further understand the current solid waste management, water drainage patterns about the site, leachate management, facility design, and existing life span of the facility. Should the above referenced report not contain this information, the Applicant shall address each of the above listed items.
3. The Applicant shall provide any engineering drawings that would depict the configuration, extent, and materials used in construction of the solid waste facility and in the construction of any caps placed on closed waste cells within the facility.
4. Section 6.1 of the Background Report for Water Licence Renewal states that a new bermed area was built to contain honeybags between 2009 and 2011. The Applicant shall provide the engineering drawings and construction specifications associated with this work.
5. As noted on page 12 of the "2012 Hamlet of Aklavik – Operation and Maintenance Plan: Solid Waste and Lagoon", site records for the solid waste facility are to be completed and maintained. The Applicant shall provide the solid waste facility records for the past 12 months to further understand the quantity and quality of waste accepted into the facility, the volumes of waste deposited in the solid waste facility, and the volume of hazardous waste accepted in the solid waste facility.

6. With regards to the operations and maintenance of the solid waste facility, the Applicant shall provide the following information:
 - a. Interim and final cover thickness and material type;
 - b. Waste compaction method and frequency;
 - c. Frequency of inspection of drainage courses, berms and other relevant site infrastructure;
 - d. Methods to control effluent discharge quality;
 - e. Runoff and drainage control within and around the facility and restoration of erosion;
 - f. Methods of storage and treatment of contaminated drainage;
 - g. Prevention of windblown debris;
 - h. Management of hazardous waste;
 - i. Method and frequency of site maintenance.

7. Section 7 of the Background Report for Water Licence Renewal states that the Applicant "intends to build a new waste disposal facility at a different site in a few years". The Applicant shall provide an estimate of the remaining life expectancy of the current solid waste facility. The Applicant shall provide additional information regarding the stage of planning for the new facility (i.e., has a site location been selected and was a study completed to select the location? What is the stage of engineering (i.e., preliminary/conceptual, 50%, 75%, full tender package, etc. that has been completed for the new facility). The Applicant shall provide any studies or engineering reports completed regarding the new waste disposal facility, if available.

8. Part E, Item 2 of Water Licence N3L3-0570 required a Sewage Treatment Plan to be submitted to the IWB for approval by June 30, 2011. The Applicant shall provide an update on the status of this report and/or a copy of the report. If this report is not complete, the Applicant shall provide a date when the information required in Part E, Item 2 will be provided.

9. The Applicant shall provide a preliminary abandonment and restoration plan for the solid waste facility and sewage treatment facility.

10. Schedule 3 Form, Section 10 states that "no predicted impacts, no mitigation proposed" will occur from the proposed undertaking. The Applicant shall provide further information and/or studies to support this statement. The Applicant's response shall also address whether an assessment of the qualitative and quantitative effects on the waters into which the waste is to be deposited has been completed.

11. The Applicant shall provide the following information pertaining to the Spill Contingency Plan:
 - a. An updated distribution list as presented in Section 1.3;
 - b. Information to complete Section 1.5 Hamlet Environmental Policy;

- c. Confirmation that waste oil is the only hazardous waste item stored at the solid waste facility. If other hazardous products are stored, an update to Table 1.2;
- d. Updated contact information within Section 4.2 Off-Site Resources;
- e. Within Section 5, a commitment to notify relevant regulators of any planned mock spill exercise and a description of the record keeping procedures that will document which employees have received training and when.

The IWB urge the Hamlet of Aklavik to submit the requested information as soon as possible in order for the information to be reviewed in a timely manner and prior to the expiration of the current licence.

Should you have any questions with regard to the requested information, please do not hesitate to contact Mardy Semmler at 867-678-8609 or semmlerm@nwtwb.com.

Yours truly,



Mardy Semmler
Executive Director