



Water Resources Division
Nunavut Regional Office
Iqaluit, NU
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NWB File: 3BM-ALT
CIDMS #: 375180

Dec 22, 2009

Richard Dwyer
License Administrator
P.O. Box 119
Gjoa Haven, NU
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Re: 3BM-ALT - Water License Application – CFS Alert

Please be advised that Indian and Northern Affairs Canada (INAC) has completed a review of the water license application for 3BM-ALT - CFS Alert. The NWB circulated the Application for comments on November 26, 2009. All associated documents related to this application posted on the NWB ftp site under 3BM-ALT 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) 979-4282 or by email at Ian.Parsons@inac.gc.ca.

Sincerely,

Original signed by

Ian Parsons
Water Resources Technician

Cc. Ian Rumbolt, Acting Manager of Water Resources – Indian and Northern Affairs Canada, Nunavut Regional Office



Technical Review Memorandum

To: Richard Dwyer – License Administrator, NWB
Peter Kusugak – Field Operations Manager, INAC
Col. R.C. Baker – Department National Defence – Canadian Forces.

From: Ian Parsons – Water Resources Technician, Indian & Northern Affairs Canada.

Re: 3BM-ALT - Water License Application – CFS Alert

The 2009 water license application for CFS Alert submitted by Canadian Forces (COL. R.C. Baker or the Proponent) did not address some parts of the water license application. The following information should be provided to complete the water licence application.

Comments/Recommendations:

Question 12 of the water license application asks for a list of contractors and sub-contractors.

The proponent should clarify if there are no contractors or sub contractors or if this question is not applicable. The question should not be left unanswered.

Question 13 of the water license application asks for a list of studies undertaken to date.

Again if there are no studies or if the question is not applicable then it should be stated.

Part III Water Supply – Modifications Question 1 of the water license supplemental Questionnaire for Municipalities asks are there any changes planned for the water supply system, if yes please attach a copy of the plan, or describe changes. Provide information on the implementation schedule.

The question was answered yes, however, the only description given was that there are several initiatives and building renovations planned. The proponent should describe these changes in more detail.

Part VI Inspection and Monitoring – Question 4 of the water license Supplemental Questionnaire for Municipalities asks have any spills occurred in



the past five years? If yes, describe and show on a map the locations of the spills. What action has been taken to clean the affected areas?

The proponent answered yes to this question, and went on to state they have been several minor spills and one major spill along the pipeline joining the upper and lower tank farms. No map locations of these spills were given and no remedial actions were described for the minor spills.

The proponent should include map locations including coordinates (GPS, UTM) of where exactly these spills occurred along the pipeline and remedial actions taken to clean up the minor spills.

Part VI Inspection and Monitoring – Monitoring Program Question 1a) of the water license Supplemental Questionnaire for Municipalities asks to briefly describe how samples are taken and sent to the laboratory.

The proponent fails to answer this question, the proponent states what parameters are tested, but never describes how the samples are taken or sent to the laboratory for analysis.

Part VI Inspection and Monitoring – Monitoring Program Question 1e) of the water license Supplemental Questionnaire for Municipalities asks are any changes planned in the water quality-monitoring program? If yes, describe.

The proponent answers this question yes, however fails to give any description.

Part IX Technical Information Questions 1&3 of the water license Supplemental Questionnaire for Municipalities asks for contact information.

This information was not addressed.

Part IX Technical Information – Hydrology Question 2 of the water license Supplemental Questionnaire for Municipalities asks to describe the characteristics of the drainage basin, including vegetation, soil type, lakes, swamps and permafrost areas.

This information was not addressed.

Other Concerns:

At this time there is untreated sewage being released to the environment, this issue should be addressed before a water license is issued.

As well, there are several non compliances in the inspector's report which should be addressed before issuing a water license.



CFS Alert should provide the Nunavut Water Board all outstanding information referred to above in order to comply with the requirements of a water license application.

This information has been forwarded to our Field Operations Unit.

Cc. Ian Rumbolt, Acting Manager of Water Resources – Indian and Northern Affairs Canada, Nunavut Regional Office