



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

NWB File: 3BC-FOH0919  
CIDMS #: 398559

Apr 23, 2010

**Re: 3BC-FOH0919 – QA/QC Plan for Sampling at both the Final Discharge Point of the Bermed Fuel Storage Facilities and Final Discharge Point of Sewage Treatment Facility – Hall Beach – FOX-M – Department National Defense.**

Please be advised that Indian and Northern Affairs Canada (INAC) has completed a review of the QA/QC plan for both the bermed fuel storage and sewage treatment facilities final discharge points for water license 3BC-FOH0919 (Hall Beach) submitted by Nasittuq Corp. on behalf of Department of National Defence. The NWB circulated the QA/QC plans for information purposes only on February 10, 2010. All associated documents related to the QA/QC plans are posted on the NWB ftp site under 3BC-FOH0919 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](mailto:Ian.Parsons@inac.gc.ca).

Sincerely,

*Original signed by*

Ian Parsons  
Water Resources Technician

Cc. Lou-Ann Cornacchio, Manager of Water Resources – Indian and Northern Affairs Canada, Nunavut Regional Office



## **Technical Review Memorandum**

To: Lou-Ann Cornacchio, Manager of Water Resources – Indian and Northern Affairs Canada, Nunavut Regional Office  
Phyllis Beaulieu – Manager of Licensing, Nunavut Water Board

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

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**Re: 3BC-FOH0919 – QA/QC Plan for Sampling at both the Final Discharge Point of the Bermed Fuel Storage Facilities and Final Discharge Point of Sewage Treatment Facility – Hall Beach – FOX-M – Department National Defense.**

### **Background**

The Hall Beach FOX-M site is located 3 km south of the Hamlet of Hall Beach. The FOX-M site is a Long Range Radar and Logistics Support Station that is the operational and administrative center for other auxiliary stations for the North Warning System. Water is pumped from a nearby man-made reservoir, owned and operated by the Hamlet of Hall Beach, into storage tanks. Sewage and greywater are treated on-site using a tertiary wastewater treatment system called cycle-let. Non-hazardous wastes disposed of at the Hall Beach Landfill with hazardous wastes being backhauled out of the territory.

### **Recommendations/Comments**

#### **QA/QC Plan for sampling from Final Discharge Point of Bermed Fuel Storage Facility**

INAC has no issues with the QA/QC plan for sampling from Final Discharge Point of Bermed Fuel Storage Facility submitted as a requirement of the license. However INAC recommends the submission of GPS coordinates and a map of the sampling sites. As well it is noted that the submission was pass the 90 day time requirement for the QA/QC plan as per water license 3BC-FOH0919.



## **QA/QC Plan for Sampling from Final Discharge Point of Sewage Treatment Facility**

INAC has no issues with the QA/QC plan for sampling from Final Discharge Point of Sewage Treatment Facility submitted as a requirement of the license. However like the first QA/QC plan INAC recommends that GPS coordinates and map of the sampling locations accompany the plan. Again, like the previous plan, it is also noted that this submission was also pass the 90 day time requirement for the QA/QC plan as per water license 3BC-FOH0919.

It has been noted that the proponent states that non-hazardous wastes are disposed of at the Hamlet of Hall Beach Landfill. The proponent is reminded that a written agreement between themselves and the Hamlet of Hall Beach is required before any wastes are backhauled to the Hamlet's specified waste disposal site.

Nasittuq Corp. on behalf of the Department of National Defence are required to provide the Nunavut Water Board all outstanding information referred to above in order to comply with the Renewal Application process.

Cc. Lou-Ann Cornacchio, Manager of Water Resources – Indian and Northern Affairs Canada, Nunavut Regional Office  
Peter Kusugak, District Manager – Indian and Northern Affairs Canada, Nunavut Regional Office