



An Aboriginal Company

February 2, 2009

Nunavut Water Board
P.O. Box 119
Gjoa Haven, Nunavut
XOE 1J0

**Attention: Ms. Phyllis Beaulieu
Manager of Licensing**

**Re: Hamlet of Whale Cove Water License 3BM-WHA0207
Renewal Application and Compliance Submissions
File No. N-O 14851**

Dear Ms. Beaulieu,

In response to a letter from the Nunavut Water Board (NWB), dated June 25, 2008, the Hamlet of Whale Cove retained Nuna Burnside Engineering and Environmental Ltd. (Nuna Burnside) to complete an application for the renewal/replacement of the Whale Cove Water Use and Waste Disposal License 3BM-WHA0207 which expired in August 2007.

Enclosed is an application submitted on behalf of the Hamlet of Whale Cove for a water license to replace license NWB3-WHA0207. The Hamlet is seeking a 5 year renewal/replacement of this license. This license includes all water intake, sewage disposal and solid waste disposal activities for the Hamlet of Whale Cove. The requested license will be valid from issuance (approximately February 2009) for 5 years until February 2014.

The Hamlet of Whale Cove provides trucked water supply, sewage disposal, and solid waste removal to the community.

The Water Supply Facility is located at Fish Lake, approximately 3.5 km north of the Hamlet. A submersible pump draws water from an intake located off shore at a depth of approximately 6 m. Water is pumped into a truckfill station where it is treated by chlorine injection prior to being pumped via an overhead arm into water trucks.

A Hamlet sewage truck pumps out the sewage holding tanks in each building. The sewage is trucked to a Sewage Treatment Facility approximately 1 km from the Hamlet. The Facility consists of a lagoon with an exfiltration berm, which allows the sewage to slowly discharge and meander through a designated 700 m long wetland downgradient away from the Hamlet towards Hudson Bay.

Solid waste is collected by the Hamlet garbage compactor truck from each building, and is trucked to the Solid Waste Management Facility approximately 1.2 km from the community. The Facility consists of a landfill, a bulky metals area, and a planned household hazardous waste depot.

The bulky metals area includes segregation of various materials such as tires, white goods, and vehicles.

The license application includes recommended conditions for monitoring and upgrades to the Solid Waste Management Facility.

Overall, the water supply, sewage disposal, and solid waste management activities will not substantially impact the quality, quantity, or flow out rates of water through Inuit owned lands.

This submission includes:

- Application for a Nunavut Water Board License
- Executive Summary of License Application
- Water License Application – Supplementary Questionnaire for Municipalities
- Application fee of \$30.00 (c/o Receiver General for Canada).

In addition, this submission includes compliance items that are conditions of the license as follows:

- Water License Annual Report 2008, Whale Cove Water Use and Waste Disposal
- Solid Waste Management Facility, Operation and Maintenance (O&M) Plan, Hamlet of Whale Cove
- Sewage Treatment Facility Operation and Maintenance (O&M) Plan, Hamlet of Whale Cove
- Water Supply Facility Operation and Maintenance (O&M) Plan, Hamlet of Whale Cove
- Environmental Emergency Contingency Plan, Hamlet of Whale Cove
- Environmental Monitoring Program and QA/QC Control Plan, Hamlet of Whale Cove.

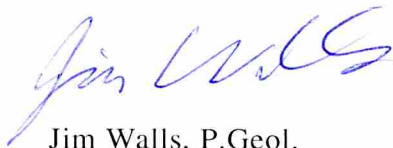
The Solid Waste Management Facility (landfill) is currently being modified. Full funding has not yet been identified. In the next few months a Solid Waste Management Facility Rehabilitation Plan outlining recommended modifications and upgrades will be prepared and submitted prior to conducting the construction.

As mentioned in the NWB letter of June 25, 2008, the landfarm located in Whale Cove has a separate license, 3BM-WCL0712. In the future, consideration should be given to including the landfarm with the Water and Waste Disposal license (formerly NWB3WHA0207). Since the landfarm is located within the landfill limits it may be beneficial to have all operation, maintenance and reporting requirements on the same license.

If you have any questions regarding the completion of these documents or the application feel free to contact me at 519-941-5331 ext. 272.

Yours truly,

Nuna Burnside Engineering and Environmental Ltd.



Jim Walls, P.Geol.



Enclosure

cc: Mr. Clayton Croucher, SAO, Hamlet of Whale Cove
Mr. Wayne Thistle, Community and Government Services, Government of Nunavut

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