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To: [Phyllis Beaulieu](#); dts@nunavutwaterboard.org
Cc: [Chris Hanks](#); ckowbel@lawsonlundell.com
Subject: Accommodation Barge at Roberts Bay
Date: Friday, July 16, 2010 3:02:13 PM
Attachments: [HMI - Accommodation Barge Spill Contingency and Emergency Response Plan - June 2010.pdf](#)
[EBA - Accommodation Barge Description - June 2010.pdf](#)

Hello Phyllis and Dave,

HBML is considering bringing in 2 temporary accommodation barges to Roberts Bay, Nunavut during 2010-2011. Horizons North (our accommodation barge contractor) has retained EBA Engineering to review the proposal and they have produced the attached summary. Chris suggested that I should provide this package to you for discussion purposes and to determine whether the NWB has any questions or advice with respect to this proposal.

The accommodation barge activity will be entirely marine-based. The barges will not use any water from any land-based water bodies and there will be no deposit of waste on lands, in water, or to any of the Doris North, Windy or Boston waste disposal or treatment facilities. All waste generated on the vessels will be disposed of offsite in Inuvik by Horizons North. As set out in the attached document, each barge has its own fresh water reverse osmosis unit which draws from the sea to supply potable water. Horizon North proposes to treat and process all sewage and grey water using a Membrane Bioreactor (MBR) Sewage Treatment Plant (STP) housed in a single container, for the effective removal of BOD, TSS and other constituents. This treated effluent will be generally comparable to clean, fresh water.

We have also circulated the package to KIA, INAC, EC, DFO, TC (Navigable Waters) and GN-DoE to obtain their regulatory advice and expertise. As per communications to date with the various regulators listed above, HBML will ensure the activity will proceed in accordance with the following commitments:

- the Department of Fisheries and Oceans Operational Statement for moorings will be followed;
- the Horizons North Spill Contingency Plan has been revised so that it is Nunavut-specific and will be submitted to GN-DoE for approval;
- effluent will be tested for standard parameters (e.g. pH, BOD5, turbidity, TSS, COD, Alkalinity, hardness, Total Ammonia-N); and
- all fuel transfers to the barges will proceed in accordance with Condition 20 of Project Certificate No. 003 and in accordance with the advice of GN-DoE.

Before this activity proceeds, HBML will advise the NIRB of any additional commitments that are made to regulators in relation to the activity.

Please let me know if you have any questions regarding the accommodations barges.

Many thanks for your ongoing advice and assistance.

Lea-Marie

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