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October 26, 2007

Phyllis Beaulieu
Licensing Manager
Nunavut Water Board
Gjoa Haven, NU

via e-mail licensing@nunavutwaterboard.org

RE: Miramar Hope Bay Limited – 2BB-BOS0712/TR/H, 1 Spill Response Plan

On behalf of Environment Canada, I have reviewed the Spill Response Plan submitted by MHL as a requirement of part H, item 1 of water license 2BB-BOS0712. The following specialist advice has been provided pursuant to Environment Canada's mandated responsibilities for the enforcement of the *Canadian Environmental Protection Act*, Section 36(3) of the *Fisheries Act*, the *Migratory Birds Convention Act*, and the *Species at Risk Act*.

Environment Canada recommends the following conditions be applied throughout all stages of the project:

Section 5 Onsite Hazardous Materials and 5.3 Other Products

- The Spill Response Plan is designed to introduce the basic requirements for the efficiency and safe clean up of materials that may be spilled during operations on the Hope Bay Belt. Mitigation measures should therefore be included for the clean up of toxic chemicals such as calcium chloride, explosive materials such as ammonia nitrate and petroleum contaminated soils. In addition, a spill kit should be located at the Rotating Biological Contactor (RBC) for the quick response in the event of a malfunction or spill.

6.11 Spill Equipment

- EC has noted that a skimmer was not included in the spill kit inventory. This item should be included in order to facilitate clean-up of spills in water and to be consistent with the proponents spill response plan.

Section 13 Appendix B2 - Schedule B – Reportable Spill Quantities

- EC recommends that **all** releases of harmful substances, regardless of quantity, are immediately reportable where the release:
 - is near or into a water body;
 - is near or into a designated sensitive environment or sensitive wildlife habitat;
 - poses an imminent threat to human health or safety; or
 - poses an imminent threat to a listed species at risk or its critical habitat.

Section 14 Appendix C – Contracts List

- Please remove Colette Meloche as Environment Canada's contact. The appropriate contact for EC is Craig Broome, Manager of Enforcement. Mr. Broome can be reached at (867) 669-4730 or by cellular (867) 445-5145.

If there are any changes in the proposed project, EC should be notified, as further review may be necessary. Please do not hesitate to contact me with any questions or comments with regards to the

foregoing at (867) 975-4631 or by email at cindy.parker@ec.gc.ca.

Yours truly,

Original signed by

Cindy Parker
Environmental Assessment Specialist

cc: (Carey Ogilvie, Head- EA North, Environment Canada, Yellowknife, NWT)