



Environment Environnement
Canada Canada

Environmental Protection Branch
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July 20, 2004

Our file: 4703 001

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Via Email at licensing@nwb.nunavut.ca

RE: NWB2REP – BHP Billiton Diamonds inc. – Repulse Project, Amendment 2

On behalf of Environment Canada (EC), I have reviewed the information submitted with the above-mentioned application. 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*.

BHP Billiton Diamonds Inc. is applying for an amendment to their current water license to allow for the use of 60 cubic metres/day of water, and to allow for discharge of treated effluent from the RBC sewage treatment system in a new area. No decrease in the level of treatment will occur.

Environment Canada has no concerns with the increase in the rate of water usage. In regards to the change in the location for the discharge of treated effluent, EC would like some additional information regarding why the discharge location has changed for the original application. The proponent will have to ensure that no erosion results from the discharge of the treated effluent out of the discharge line. The proponent shall not deposit, nor permit the deposit of any wastes or sediments into any water body. According to the Fisheries Act, Section 36(3), the deposition of deleterious substances of any type in water frequented by fish, or in any place under any conditions where the deleterious substance, or any other deleterious substance that results from the deposit of the deleterious substance, may enter any such water, is prohibited.

If there are any further 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) 975-4639 or by email at colette.meloche@ec.gc.ca.

Yours truly,

Original signed by

Colette Meloche
Environmental Assessment / Contaminated Sites Specialist

cc: (Paula Pacholek, Northern Environmental Assessment Coordinator, Environment Canada, Yellowknife)