



Environment Canada  
Environnement Canada

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*Via Email*

**Re: NWB3REP0409/TR/B1 – 2004 Annual Report**

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*.

The Hamlet of Repulse Bay has submitted an annual report of 2004 activities which concern the municipal water supply and waste disposal facilities in accordance with its water licence requirements. The report states that 23,226.17 m<sup>3</sup> of fresh water were consumed from Nuvik Luktujuk Lake for municipal undertakings, an amount that is within the 24,000 m<sup>3</sup> annual limit set in the Hamlet's water licence. It is assumed that the total quantity of sewage is equal to that of consumed fresh water.

The Hamlet's 2004 Annual Report does not provide all of the information required by its NWB3REP0409 licence. In particular, Part B: General Conditions section 1 I, and IV – IIX were not addressed. Environment Canada recommends that the NWB advise the Hamlet of Repulse Bay to revise its 2004 Annual Report accordingly.

In EC's February 9, 2003 review letter regarding the Hamlet of Repulse Bay's water licence, certain recommendations were made which are applicable to the municipality's 2004 Annual Report. These recommendations were as follows:

- EC recommends that waste oil and other hazardous materials are stored within a bermed area to help prevent the potential of releasing deleterious substances into the surrounding environment.
- EC recommends that the proponent fence the entire perimeter of the solid waste disposal area to decrease the amount of windblown refuse.



- EC recommends that signage indicating the location of the current sewage disposal area, the wetland treatment area, and the past and present solid waste disposal areas be posted.
- EC recommends that the Hamlet take measures to ensure that the effluent from the solid waste facility does not enter the sewage treatment area. A berm, or similar preventative measures, should be erected at the toe of the landfill to help prevent the mixing of these effluents.
- As sedimentation can decrease the effectiveness of wetlands treatment, EC recommends that the Hamlet take measures to ensure that excessive sedimentation of the wetland does not occur at the sewage truck off-loading site. Such measures could include extending the length of the steel sluice at the discharge point.

Environment Canada requests that these recommendations be passed on to the Hamlet of Repulse Bay, and encourages the Hamlet to consider these recommendations. If any modifications and/or major maintenance work has been carried out on the water supply and waste disposal facilities, including all structures and facilities, this information should be presented in the annual report.

The Hamlet of Repulse Bay is reminded that it shall not deposit, nor permit the deposit of any fuel, chemicals, wastes, or sediment 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 changes in the proposed project, EC should be notified, as further review may be necessary. Please do not hesitate to contact me if you have any questions or comments with regards to the foregoing at (867) 975-4631 or by email via [david.abernethy@ec.gc.ca](mailto:david.abernethy@ec.gc.ca).

Regards,

David W. Abernethy  
Environmental Assessment Technician

Cc: Colette Spagnuolo (Environmental Assessment and Contaminated Sites Specialist,  
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