



Environment Canada **Environnement Canada**

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Via Email

Re: NWB5HAL – UMA Engineering Ltd. - Hall Beach DEW Line Site FOX-M – Amendment

On behalf of Environment Canada (EC), I have reviewed 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*.

Uma Engineering Ltd. is applying for an amendment to their NWB5HAL water licence issued for the clean-up of the FOX-M Hall Beach DEW Line Site. This DEW Line site is located on the eastern side of Melville Peninsula having a coordinate of 68°45'N, 81°11'W. The clean-up program has been ongoing since 2003 and is expected to be complete in 2007. The aim of DEW Line clean-up activities is to physically restore these areas to as natural a state as possible. This is achieved through the removal of facilities no longer required for radar surveillance operations, the treatment of contaminated soils, the remediation of existing landfills, and landscape contouring. Having reviewed the program's demand for freshwater, the proponent has requested that the quantity of water allowed for daily consumption be raised from 30 m³ to 100 m³. Freshwater is primarily used to suppress dust and wet granular material. All freshwater will be acquired from the current water supply lake and will not be returned to this source.

Environment Canada is satisfied with the proponent's request to increase their limit of freshwater consumption through an amendment to their NWB5HAL licence. It is recommended that the proponent continue to carefully monitor the discharge of freshwater so as to prevent the contamination of nearby water sources and induced erosion of ground material.

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.

Regards,

David W. Abernethy
Environmental Assessment Technician

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