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20 April 2012

EC File: 4105 006 400  
NWB File: 1BR-PEE1116

Phyllis Beaulieu  
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Via email: [licensing@nunavutwaterboard.org](mailto:licensing@nunavutwaterboard.org)

**RE: 1BR-PEE1116 Submission – OM Procedures Wastewater Treatment Facility**

Environment Canada (EC) has reviewed the above-mentioned Spill Contingency Plan submitted to the Nunavut Water Board (NWB). The following specialist advice has been provided pursuant to the *Canadian Environmental Protection Act*, Section 36(3) of the *Fisheries Act*, the *Migratory Birds Convention Act*, and the *Species at Risk Act*.

As a requirement of Part E, Item 2 of water license 1BR-PEE1116, Aboriginal Affairs and Northern Development Canada (AANDC) has submitted to the NWB details regarding the Wastewater Treatment Facility for the PIN-E, Cape Peel DEW Line radar station remediation project. Upon review of the information, EC provides the following comments and recommendations for the NWB's consideration:

- The proponent must ensure that any effluent discharged must be in compliance with Section 36(3) of the Fisheries Act. The proponent shall not deposit, nor permit the deposit of any wastes, chemicals 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.
- All construction activities on the sewage lagoon must not result in the sedimentation of any surrounding water bodies. Any stockpiled material should be stored above the high water mark of any water body and preventative measures, such as the use of silt curtains/fences should be used to help mitigate any potential impacts.
- EC recommends that sludges are characterized prior to disposal to ensure disposal options are appropriate.

If there are any changes in the project EC should be notified as further review may be necessary. Comments previously submitted on behalf of EC regarding water license 1BR-PEE would still apply to this project. Please do not hesitate to contact the undersigned with any questions or comments with regards to the foregoing at (867) 975-4631 or by email at

[Paula.C.Smith@ec.gc.ca](mailto:Paula.C.Smith@ec.gc.ca)

Yours truly,

A handwritten signature in blue ink, appearing to be 'PS' followed by a horizontal line.

Paula C. Smith  
Environmental Assessment Coordinator

cc: Carey Ogilvie (Head, Environmental Assessment-North, EPO, Yellowknife, NT)  
Allison Dunn (Sr. Environmental Assessment Coordinator, EPO, Iqaluit, NU)  
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